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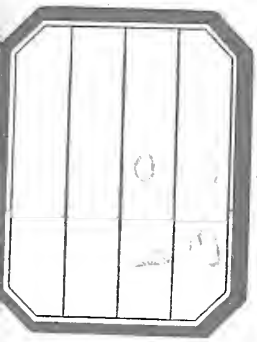


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MUZZY BROTHERS  
SEEDS  
IMPLEMENTS  
POULTRY SUPPLIES

ESTABLISHED 1887



1917

PATERSON, N.J.

# SPECIAL NOTICE



WE make a specialty of supplying the best strains of seeds that can be produced. We are always on the alert for a better strain, and if we find it we spare no expense in securing seed stock of it.

We handle absolutely nothing that we do not believe to be the best obtainable. We do not claim to compete in prices with irresponsible parties, whose sole effort is to secure the lowest priced seeds, regardless of quality; such seeds are not cheap, but dear at any price. The first cost of seeds is insignificant, compared with time and labor that must be expended upon a growing crop. Quality is our first consideration, and the prices we offer are as low as first-class seed can be sold for. We buy direct from the growers and from the locality best adapted for raising all of the different varieties.

## TERMS OF GUARANTEE

The seeds offered in this catalogue have been carefully grown, selected, cleaned and tested for germination, and we believe them to be first class in every respect, but we cannot guarantee the crop as too many conditions enter into it, therefore we give no warranty, expressed or implied, as to description, purity, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once, and if the money has been paid for them it will be refunded.

**MUZZY BROS.**

1835 - 1917

# Muzzy Brothers



N presenting this revised edition of our Illustrated General Catalogue, we wish to thank our customers for their liberal past patronage and take pleasure in soliciting their further valued orders.

This is our 82nd Annual Catalogue. It contains lists of the very choice seeds, bulbs, roots and some other things that we have to offer for 1917. You can make up your order from its pages with entire confidence in the exceptional quality of the products we are offering.

Our catalogues have always received a considerable amount of study. The cultural directions and descriptions in them are concise and to the point.


A house that, during the eighty years it has been in business, has clung firmly to its original idea of supplying seeds of the highest grade only, gaining thereby the confidence and loyal friendship of a steadily increasing number of both amateur and professional gardeners.

Years of research have been devoted to seeds, and we have eliminated quite a number of once well-known varieties that have been superseded by incomparably better sorts. If you had your mind set upon buying one particular kind of corn, for instance, and fail to find it listed herein, you may rest assured that something far better has taken its place.

We would suggest that your order be made up as soon after the receipt of this catalogue as possible. It will help us to ship promptly, and it will help you by giving you your goods just when you want them. Placing orders late sometimes makes delays unavoidable. But we have the facilities for handling a vast amount of business, and your orders will receive the promptest attention regardless of when they come.

If there is any information you want that is not given in this catalogue, write us about it. We will give all inquiries our careful attention.

May we have the pleasure of filling your order?



# WHITE WONDER MILLET

A Russian soldier, serving in the Russo-Japanese War, discovered this wonderful millet in China. He put a little of the seed in his knap-sack and when the war was over he came to the United States bringing his precious packet of seed with him.

White Wonder Millet has been raised in western Kansas for several years and it is just as hardy and vigorous as other millets.

The most striking feature of White Wonder Millet is the size of the heads. This illustration shows the exact size of one of the heads and many will be even larger than this one. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as heavy as that of German Millet. Some growers of White Wonder Millet claim that it will outyield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than German Millet but not quite as early as the Siberian variety.

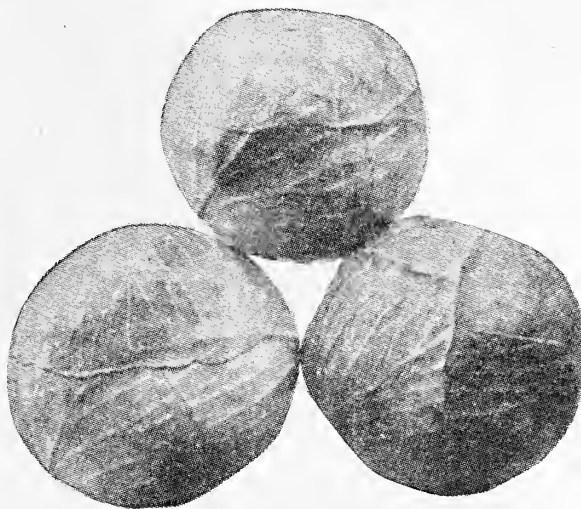
The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very readily.

We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clear, White Wonder Millet will soon take first place among the millets.

**Prices on Application.**

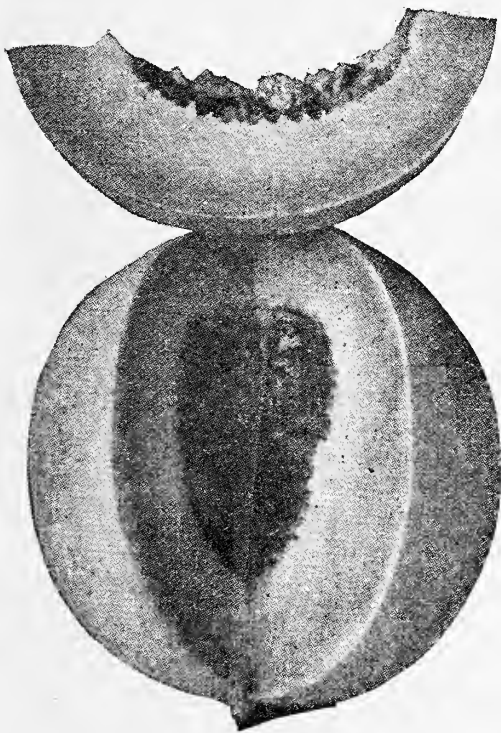
# Cabbage, Copenhagen Market

The best of all early Cabbages. Stands longer without bursting than other early sorts. It is with pleasure and confidence that we offer this new early Cabbage, knowing it will give perfect satisfaction wherever grown, both as to quality and yield. Everyone familiar with the Cabbage knows the old and popular Danish Ballhead, the best of all the late Cabbages. This new extra-early variety, ripening with Charleston Wakefield, also originated in Denmark, and is as good, in its class, as the old favorite Danish Ballhead. The stem is short, the head round and solid. When ready for cutting, Copenhagen Market is the heaviest of the extra-early varieties, and if left until fully mature, frequently weighs eight to ten pounds. The leaves are small, compact and close to the head, so it will stand close planting. The inside is fine grained, tender, pure white and compact. Will become a leader in the home garden and market.  $\frac{1}{4}$  oz. 30c; oz., 85c;  $\frac{1}{4}$  lb., \$3.00.



## WELSH ONION

**WELSH ONION.**—Native of Siberia or the East. Perennial, but cultivated as an annual or biennial. A plant very closely allied to the common Onion in its botanical characteristics, although it does not form a bulb, properly so called, but only a small enlargement at the base of each shoot. Leaves numerous hollow, rather dark green in color, somewhat glaucous, and 10 to 14 inches long. Its germinating power lasts for two or three years. This is the variety which is most commonly grown. It is productive and comparatively hardy. Seed sown in the fall produce the young green onion in spring. 1 oz. 30c;  $\frac{1}{4}$  lb., 90c; 1 lb. \$3.00.



## "Honey Dew" Melon

The original seed of this new melon was secured from a Melon shipped from Africa to New York City. This seed was planted at Rocky Ford, Colorado, and crossed with the genuine, original "Rocky Ford" cantaloupe by polenization. The following season this hybrid seed was again crossed with the Improved Hybrid Casaba. Seed enough was obtained from this cross to plant one and one-half acres in 1915, from which was shipped three cars, aggregating 1,175 crates, which were shipped to Chicago. After paying freight, icing charges and commissions the three cars netted \$3,719.00. After deducting the price of the crates had \$3,600.00 net from the one and one-half acres, or \$2,400.00 per acre.

It is named the "Honey Dew". It is as sweet as honey and has the mingling of several flavors—pineapple, banana and vanilla predominating.

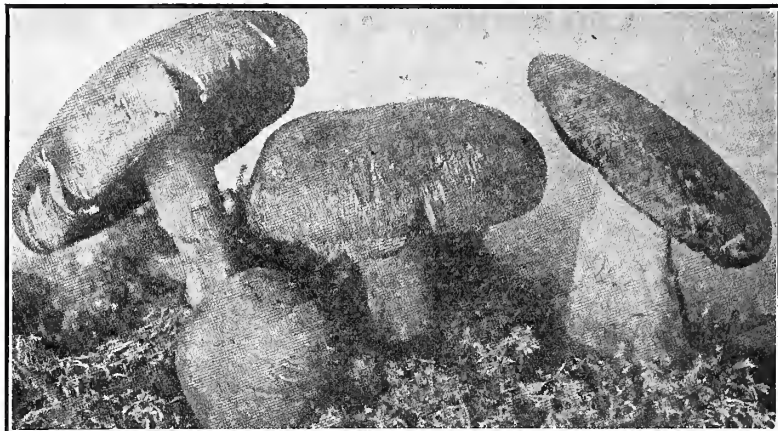
The average size of the melon is six inches in diameter and seven to eight inches in length, weighs five to six pounds. The skin is smooth with an occasional net, is a creamy yellow when ripe. Can be eaten to the extreme rind. The seed cavity is very small, the rind impervious to water, the melon does not shrink in weight, is not easily bruised and is a splendid shipper.

**Prices of "HONEY DEW" Melon Seed**

Pkg. 15c; 1 Oz. 40c.

# Mushroom Spawn

**CULTURE.**—Mushrooms may be grown in cellars, under benches of greenhouses, or in sheds, wherever the temperature of 50 degrees can be kept up through the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing.



Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed the required size. Three to 4 feet wide, 8 inches deep and any length desired are the proper proportions for a bed, but these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, and about one inch deep, into which put pieces of the spawn 2 or 3 inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of 2 inches and cover with 3 or 4 inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given, that it be at a temperature of about 100 degrees.

	Bricks	10 Bricks	100 Bricks
English Spawn .....	\$0.15	\$1.30	\$12.00
American Spawn .....	.20	1.80	16.00



## Chinese Cabbage

This exceptionally fine vegetable of the cabbage family, possesses some distinguishing characteristics which place it, as a cabbage, in a class entirely by itself. In shape, it is unlike any other familiar type of the cabbage family. Its habit of growth resembles Cos lettuce, and also resembles celery; while the outer leaves, except in their elongated shape, resemble ordinary cabbage leaves in general texture. When the outside leaves are stripped away, we see an appetizing picture of lettuce and celery combined, presenting a cool, crisp, inviting appearance well-nigh irresistible.

Shredded and served raw, it outclasses the finest cabbage slaw, or with dressing, the best raw cabbage salad; its tenderness and mild flavor make it peculiarly appetizing. It may also enter into a combination salad, by stripping the leaves from the central stalks and cutting up the stalks as with celery, for which it makes an excellent substitute.

The stalks when stripped to appear like celery, will be eaten with an equal zest. When cooked in any of the ways in which ordinary cabbage is used, it not only equals, but in some respects surpasses the latter.

Do not plant until early July as early plantings run to seed.

**Chinese Cabbage** (Pe Tsai), Pkg. 10c; Oz. 50c.

# MUZZY BROTHERS

## ANNUAL

# Seed Catalogue

### For 1917

PRICES SUBJECT TO CHANGE.

Muzzy Brothers give no warranty, expressed or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

## ARTICHOKE

German, Artichoke; French, Artichaut; Spanish Albachofa.

	Oz.	¼-lb.
French Globe .....	\$0.60	\$2.00
<p>The Seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep rich moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue bearing for several years. German, Spargel; French, Asperge; Spanish, Esparrago.</p>		
Jerusalem Artichoke, Tubers .....		25 cts. each.

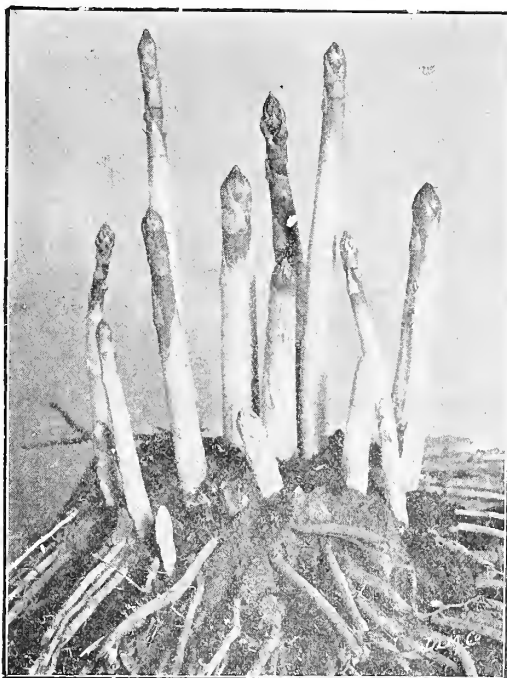
## ASPARAGUS

	Per oz.	¼ lb.	Per lb.
Columbia, producing pure white shoots..	\$0 10	\$0 25	\$0 75
Conover's Colossal ..	10	15	40
Palmetto, a light green variety .....	10	15	40
	Per 50	Per 100	Per 1000
Roots Colossal, 2 yrs..	\$0 50	\$0 90	\$6 00
" Palmetto, 2 yrs..	50	90	6 00
" Columbia, 2 yrs..	50	90	6 00
" Argentieul, 2 yrs..	50	90	6 00

Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use; set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale, set four feet apart one way and two the other which will allow the use of a horse and cultivator to keep the weeds under.



ASPARAGUS.

## BEANS

German, Gartenbohne; French, Fève de Marais; Spanish, Hava.

English or Broad.

	Per pt.	Per qt.
Broad Windsor .....	\$0 25	\$0 40
Sword Long Pod .....	25	40

This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant four inches apart, and two inches deep in drills four feet apart. To insure well filled pods, pinch off the tops as the lower pods begin to set.

### Dwarf Green Podded Snap Beans.

**Valentine Black**, long round, green, solid pod, very early, per qt. 50c, ½ pk., \$1.75.

**Valentine, Giant Stringless**, about seven days later than extra Early Valentine. Slightly curved pod, brittle and stringless; a strong grower and good yielder, per qt. 60c; ½ pk., \$2.25.

**Valentine, Early**. Productive, tender and of excellent flavor, per qt., 10c; ½ pk., \$1.75.

**Horticultural Dwarf Late**, productive, broad flat stringless pods, per qt., 60c; ½ pk., \$2.00.

**Muzzy's Stringless Green Pod**, the best stringless bean grown. Ten days to two weeks earlier than the valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive, per qt., 60c; per ½ pk., \$2.25.

**Early Mohawk**, very productive and of good quality. per qt., 50c; per ½ pk., \$1.75.

**Long Yellow Six-Weeks**, early, excellent variety for general crop, per qt., 60c; per ½ pk., \$2.00.

**Extra Early Refugee**, similar to late Refugee, pods two weeks earlier, per qt., 50c; per ½ pk., \$1.75.

**Refugee or Thousand to One**, very early and prolific. The pods are round and full, stringless and of fine quality, per qt., 50c; per ½ pk., \$1.75.

**Burpee's Bush Lima**, beans are large as Large Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans, 18 to 20 inches, per qt., 50c; ½ pk., \$1.75.

**Burpee's Improved Bush Lima**, an improved strain of B.B. L., much larger pods and beans, enormously productive, extra early, per qt., 50c; ½ pk., \$1.75.

**Fordhook Bush Lima**, per qt., 50c; per ½ pk., \$1.75.

**White Marrowfat** grown for sale in the dry state, per qt., 45c; per ½ pk., \$1.50.

**Long White Kidney**, excellent as a shell bean, green or ripe, per qt., 45c; per ½ pk., \$1.50.

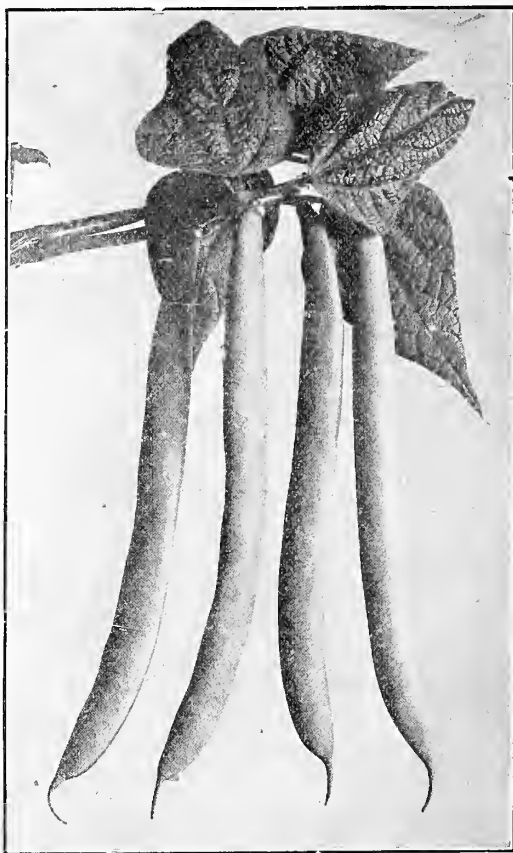
### Dwarf Wax Varieties.

**Refugee Wax, Stringless**, good for early or late, immense yielder, per qt., 70c; per ½ pk., \$2.25.

**Golden Eyed Wax**, very early, prolific, free from rust, per qt., 50c; per ½ pk., \$1.75.

**Round Pod Kidney Wax**, same as Wardell's only flat pods, per qt., 60c; per ½ pk., \$2.00.

**Wardell's Kidney Wax**, extra early, long flat pods, very productive, per qt., 60c; per ½ pk., \$2.00.



**BEANS—Dwarf Wax Varieties, Continued.**

**Black Wax or Butter Improved**, very early and profolic. The pods are round, full, stringless; of very fine quality, per qt., 60c; per ½ pk., \$2.00.

**Davis' White Wax**, beans pure white pods, yellow, flat, tender, rich, per qt., 70c; per ½ pk., \$2.25.

**Golden Wax**. This valuable variety is about ten days earlier than the Black Wax, pods large, long seci-round, brittle, stringless, per qt., 60c; per ½ pk., \$2.00.

**Yosemite Mammoth Wax**, the largest pods of all wax varieties, per qt., 60c; per ½ pk., \$2.00.

<b>Hodson Wax</b> , very large, tender, pods stringless, very productive .	Per qt. \$0 50	½ pk. \$1 75
<b>White Wax</b> , stringless, round pods, beans pure white, strong grower....	50	1 75

**BEANS, Pole or Running Varieties.**

<b>Challenger Lima</b> . Potato variety, five and six a pod .....	45	1 50
<b>King of Garden Lima</b> . Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size, Generally grown for main crop .....	45	1 50
<b>New Early Jersey</b> . Very early .....	45	1 50
<b>Large White Lima</b> . A greatly esteemed variety .....	45	1 50
<b>Kentucky Wonder, or Homestead Extra Early</b> . Pods long tender and good flavor, very productive .....	50	1 75
<b>New Lazy Wife</b> . Long green pods, good quality, white beans .....	50	1 75
<b>Dutch Case Knife</b> . A very productive variety, one of the earliest ....	45	1 50
<b>Horticultural or Speckled Cranberry</b> . A popular variety for private use, equally serviceable in the green state or when shelled .....	50	1 75
<b>Scarlet Runner</b> . Beautiful scarlet flowers; for ornamental and table use .....	50	
<b>Black Wax</b> . Pods long thick and fleshy, pale yellow color, waxy appearance, very productive and tender, excellent as a snap or shell-ed green .....	50	1 75
<b>Early Golden Cluster</b> . Bright yellow pods, stringless, in clusters .....	50	1 75
<b>Yard Long, French</b> . Pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem, should be grown on pea bush. Crop Failed.		

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drill, cover two inches or less for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather; make rich hills, four feet apart each way set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four.

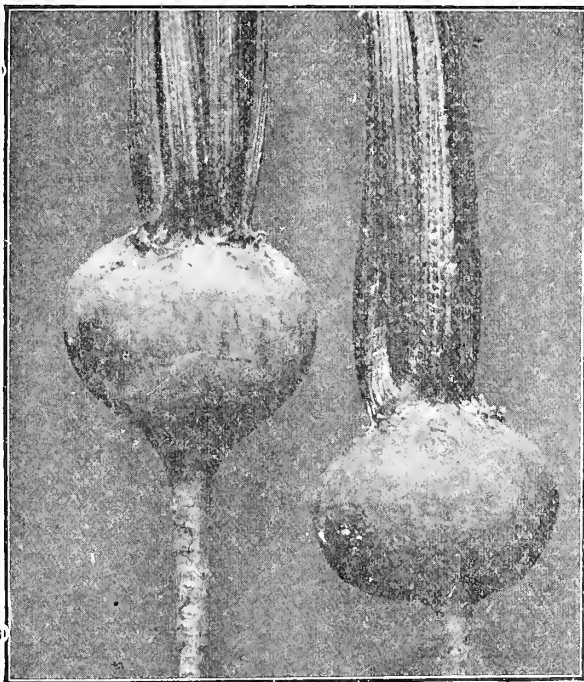
A quart of Limas is sufficient for 75 to 80 hills, and a quart of Bush Beans will sow a row 100 long.

**BEETS**

**German, Runkelrub; French, Bour-rache; Spanish, Remolacha.**

**Detroit Dark Red**. A splendid beet for market or home use, of a deep color, tender and of delicate flavor. Per oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Dark Red Egyptian Crosby's**. The earliest beet in cultivation, color deep crimson; of excellent quality. Per oz. 15c; ¼ lb. 40c; lb. \$1.25.



DETROIT DARK RED BEET.

**BEETS—Continued.**

	Per oz.	¼ lb.	Per lb.
<b>Extra Early Eclipse.</b> Very early good size. ....	10	30	1.00
<b>Early Flat Bassano.</b> Chiefly valuable for its earliness .....	10	30	1.00
<b>Early Blood Turnip.</b> Standard early sort, an excellent .....	10	30	1.00
<b>Edmands.</b> Market garden variety, uniform shape, dark .....	10	30	1.00
<b>Dewing's Blood Turnip.</b> Of fine form and flavor.....	10	30	1.00
<b>Long Smooth Blood Red.</b> An excellent late variety .....	10	30	1.00
<b>Swiss Chard.</b> Used for its leaves, which are cooked as spinach (see p. (28) ..	15	40	1.25
<b>Swiss Chard Lucullus</b> (See page 28).....	15	50	1.50

**MANGEL-WURZEL AND SUGAR.**

Varieties used for feeding stock. Sow 6 lbs. per acre.

	Per oz.	¼ lb.	lb
<b>Mammoth Red Mangel-Wurzel.</b> Producing roots of mammoth size, very regular, and with a small top. 10 lbs. and over 25c lb .....	\$0 10	\$0 20	\$0 50
<b>Yellow Globe Mangel-Wurzel.</b> Roots very large and globular. 10 lbs. 25c lb. ....	10	25	60
<b>Long Yellow Mangel-Wurzel.</b> Good for general crop. 10 lbs. 25c lb. ....	10	25	60
<b>Golden Tankard Mangel-Wurzel.</b> A new and very valuable variety of fine form and sweet flavor, bright yellow in color, when cut it shows interior ring, similar to most varieties of garden beet. 10 lbs. 30c lb. ....	10	20	50
<b>White Silesian Sugar Beet.</b> Extensively grown for feeding stock and manufacture of sugar .....	10	15	40
<b>Wilmorin's Improved Sugar Beet.</b> An improved variety .....	10	15	40
<b>Lane's Improved Sugar Beet.</b> Improved variety of the French Sugar Beet, obtained by careful selection in this country. 10 lb. 25c lb. ....	10	15	40

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be cut off, but care must be taken not to bruise the main root.

**BORAGE**

German, Borritsch; French, Bourrache; Spanish, Berraja.

	Per oz.	¼ lb.	lb.
<b>Borage,</b> used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower .....	\$0 15	\$0 40	\$1 50

**BROCCOLI**

German, Spragel Kohl; French, Chou Brocoli, Spanish Broculi.

	Per oz.	¼ lb.	lb.
<b>Early White,</b> heads medium size, compact, creamy white color, most certain to head .....	\$0 30	\$0 85	\$3 00
<b>Purple Cape,</b> differing from the preceding color, greenish purple .....	\$0 30	\$0 85	\$3 00
<b>White Cape</b> .....	\$0 30	\$0 85	\$3 00
<b>Mammoth White</b> .....	\$0 30	\$0 85	\$2 00

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this district in the early part of May and transplanted in June; farther south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 30 degrees, broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

## BRUSSELS SPROUTS

German, Sprossen-Kohl; French, Chou de Bruxells; Spanish, Breza de Brussels.



**Improved Seed, (French) half dwarf, oz.** 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**Dalkeith Dwarf Improved**, a variety producing compact sprouts of excellent quality, oz. 35c;  $\frac{1}{4}$  lb., \$1.00; lb. \$3.50.

A tender, delicious vegetable. The plant grows two or three feet high, and produced from the sides of the stalks numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May transplant and cultivate the cabbage.

## CABBAGE

German, Kopfkohl; French, Chou; Spanish, Berza de pepollo



	Oz.	$\frac{1}{4}$ -lb.	lb.
<b>Copenhagen Market.</b> The finest, large, round-headed, early Cabbage; very solid and of fine quality; short-stemmed. See Specialties.	\$0 30	\$0 85	\$3 00
<b>Enkhuizen Glory.</b> Large, Early, White, Solid, Ball Shaped Heads. See Novelties.	25	75	2 50
<b>All Seasons</b> , fine variety, for second early or late growing, good size.	25	75	2 50
<b>Early Jersey Wakefield.</b> The leading variety for market, very early of medium size, good quality, sure to head.	30	85	3 00
<b>Charleston Wakefield.</b> Large strain of the above	25	75	2 50
<b>Autumn King.</b> We believe this to be one of the finest strains of Cabbage ever offered. It produces regular, even heads of enormous size.	Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts.,	30	85 3 00
<b>Early Flat Dutch.</b> This is one of the best early cabbages in cultivation.	25	75	2 50
<b>Early Summer.</b> A valuable early sort resembling the Early Flat Dutch.	20	60	2 00
<b>Early Winnigstadt.</b> Heads large, one of the best for general use	25	75	2 50
<b>Henderson's Succession.</b> A second early or late variety, a sure header; seeds sown in March produce large heads in June.	30	85	3 00
<b>Muzzy Extra Amagar Danish Ball-Head.</b> Large, round, solid, sweet and crisp, sure header.	25	65	2 25
<b>Large Late Drumhead.</b> An excellent fall and winter variety, grows to a large size.	20	60	2 00
<b>Large Late Flat Dutch.</b> The most popular variety for late cultivation.	20	60	2 00
<b>Red Stone Head.</b> Used almost exclusively for picking	25	75	2 50
<b>Drumhead Savoy (American.)</b> The largest heading sort, of excellent flavor	20	60	2 00
<b>Muzzy Improved Amagar Danish Round Head.</b> Short stemmed, two weeks earlier than Ball Head	20	60	2 00

For very early use plant in the autumn from 10th to 25th, September, in a seed bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hot bed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.

## CARROT

German, Mochren; French, Caro'tee; Spanish.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as Celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.

**Early French Forcing.** The earliest variety, valuable for forcing; root small and of fine flavor, oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Early Round Parisian.** Small for frames or open ground, oz. 20c,  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

**Early Scarlet Horn.** Old and favorite sort, much esteemed for early summer, oz., 15c,  $\frac{1}{4}$  lb. 50s, lb. \$1.50.

**Half Long Danvers.** A variety intermediate in size and period of maturity between the preceding and the Dong Orange, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

**Half Long Stump Rotted Chantenay.** Like Nantes, broader shoulder, oz. 15c,  $\frac{1}{4}$  lb., 50c, lb. \$1.50.

**Half Long Rubicon Finest Carrot in existence,** oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

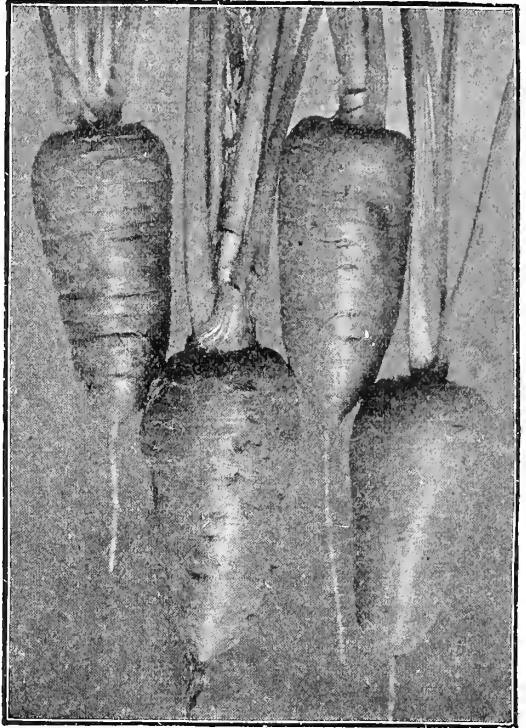
**Half Long Stump Guarande or Oxheart.**

**Half Long Stump Nantes.**

**Carentan.** A new early variety without core. It is an excellent sort for forcing, or used as an early kind of planting in the open ground.

**Long Orange Improved.** Roots of large size, equally adapted for garden or farm culture

**Large White Belgian.** Grown almost exclusively for stock



DANVERS CARROT.

Per Oz.	$\frac{1}{4}$ -lb.	lb.
\$0 15	\$0 50	\$1 50
20	50	1 75
15	50	1 50
15	50	1 50
10	25	75

## CAULIFLOWER

German, Blumen-Kohl; French, Chou-fleur; Spanish, Coliflor.

**Extra Early Dwarf Erfurt.** Short stem; fine. Pkt. 25c, oz. \$4.00.

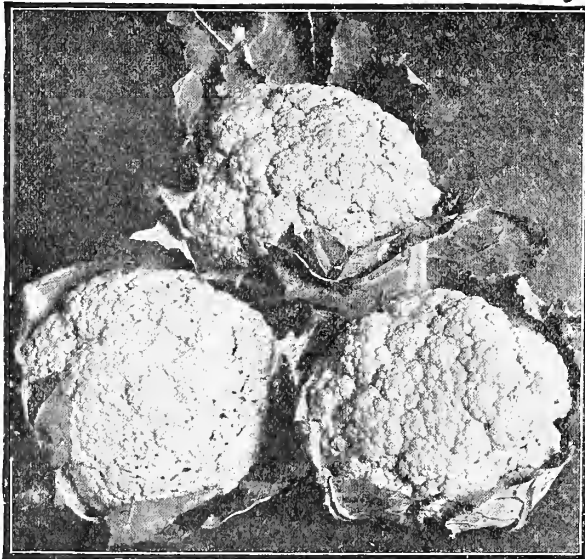
**Extra Early Paris.** This is one of the earliest and best varieties, heads large, white and compact, of fine quality. Pkt. 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50, lb. \$6.00.

**Early Snowball.** Admirably for forcing, very solid, pure white heads. Pkt. 25c, oz. \$2.25.

**Large Early Dwarf Erfurt.** The earliest and best of all varieties. Pkt. 25c, oz. \$2.25.

**Algiers.** Popular late variety, sure to head, excellent for market. Pkt. 10c, oz. 75c,  $\frac{1}{4}$  lb. \$2.25, lb. \$8.00.

**Early London.** Pkt. 5c, oz. 45c,  $\frac{1}{4}$  lb. \$1.35, lb. \$4.50.



DENMARK SPECIAL LARGE.

**CAULIFLOWER—Continued**

**DENMARK. Special Large Late.** Very fine variety, large white compact heads, necessary the space between plants be greater than other varieties. Pkt. 20c, oz. \$1.50.

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and trans-planting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early

**CELERY**

German, Celeri; French, Celerei; Spanish, Apih.

	Oz.	¼-lb.	1 lb.
Thorburn's Fin de Siecle .....	\$0 25	\$0 75	\$2 50
Rose Ribbed Self-Blanching. A sort of golden-Self-Blanching; very choice .....	30	85	3 00
Evans' New Triumph. Solid and crisp, fine nutty flavor .....	20	60	2 00
Giant Pascal. Stalks very large, thick and crisp .....	25	50	1 75
Golden Self-Blanching. Similar to White Plume; much larger in growth .....	1 00	3 50	12 00
Large Ribbed Kalamazoo. Half-dwarf White, Solid .....	25	50	1 50
White Plume. Requires very little banking .....	25	60	2 00
Pink Plume. Similar to White Plume, stalks tinged with pink, good keeper .....	25	65	2 25
Sandringham Dwarf White, Soup Celery. An imported variety of fine flavor; soup greens .....	15	40	1 50
Boston Market. An excellent dwarf, growing white variety .....	25	50	1 50
Celery Seed for Flavoring .....	05	20	0 50

**CELERIAC****TURNIP ROOTED  
CELERIAC**

German, Knob-Celeri;  
French, Celeri Rave.

Erfurt. For soups, oz. 25c,  
¼ lb. 75c., lb. 2.50.

Giant Prague. For soups,  
etc. When sliced and  
cooked makes good win-  
ter salad, oz. 25c, ¼ lb.  
75c, lb. \$2.50.

Apple. Small foliage, oz.  
30c, ¼ lb. 85c, lb. \$3.00.

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this make them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

German, Bisenlauch; French Cerfeuil;

**CHERVIL**

Spanish Cerafolio.

	Per oz.	¼ lb.	1 lb.
Curled .....	\$0 15	\$0 40	\$1 25
Plain like above but			

not curled ..... 15 40 1 25

The young leaves are used in soups and salads. Sow thin/ in May, in drills half an inch deep, one foot apart.

**CELERY**

**CHICORY**

German, Chicorie; French, Chicoree Saur; Spanish, Escarola.

Per oz. ¼ lb. lb.

**Common.** This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots of which will come up soon from the "Barbe de Capucin"...

..\$0 20	\$0 60	\$2 00
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**Large Rooted.** Used to mix with or a substitute

for coffee. Cultivation same as the carrot.....

15	40	1 50
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**Witloof or French Endive.** See endive.....

25	75	2 50
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**CRESS**

German, Kress; French, Cressen; Spanish, Mastueroz.

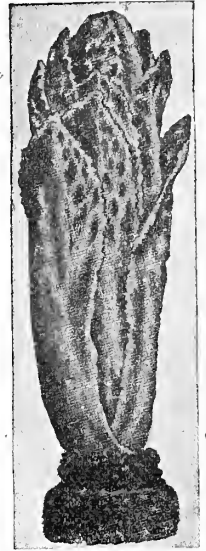
**Curled Cress or Peppergrass** .....

10	20	50
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**Water Cress** .....

35	1 00	3 25
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Are excellent for small salads; the leaves, while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as mustard.

**CORN SALAD OR FETTICUS**

German, Ackersalat; French, Mache; Spanish, Macha Valeneanilla.

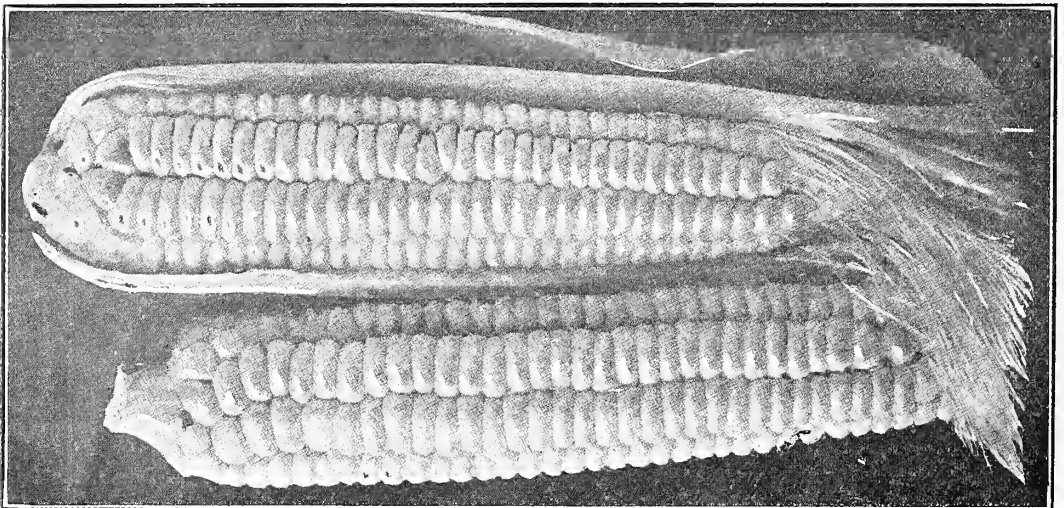
WHITLOOF  
CHICORY

	Per oz.	¼ lb.	lb.
<b>Large Seeded</b> .....	\$0 10	\$0 25	\$0 70
<b>Lettuce Leaved</b> .....	10	25	70
<b>Small Seeded</b> .....	10	25	70

**Corn Salad, Feticus or Lambs Lettuce** is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart and is fit for use in six to eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, cover up with straw or hay as soon as cold weather sets in and is wintered over the same way as Spinach.

**CORN—Sweet**

German, Zucker Welshkorn; French, Maise de Sucre; Spanish, Maiz de Azucar.



## CORN—Continued.

## EXTRA EARLY VARIETIES.

	Per ear	qt.	½-pk.	pk.	bu.
Early Dawn Extra Early. Earliest of all the Extra Early sweet corn .....	\$0 05	\$0 30	\$0 85	\$1 50	\$5 00
Golden Bantam Extra Early. Yellow, very sweet and tender..		40	1 25	2 25	8 00
Early White Cory. Earliest grown, fit for use 60 days after planting. Very sweet, good size, white cobs.....	05	30	85	1 50	5 00
Mammoth White Cory. Ears double size of the old Cory.....		30	85	1 50	5 00
Perry's Hybrid. Very early and of large size; extra early....	05	25	75	1 30	4 50
Early Minnesota. Very early; ears fairly sized and uniforms, plants rather dwarf; one of the best early kinds; extra early	05	25	75	1 30	4 50

## SECOND EARLY OR INTERMEDIATE.

Early Champion. Large ears, very sweet and productive. The earliest large sort grown and fine for either home or market use .....	05	25	75	1 30	4 50
Early Mammoth. Large and not very late; general crop....	05	25	75	1 30	4 50
Crosby's Early Sugar. Early sorts; ears short, from 12 to 15 rows, second early.....	05	25	75	1 30	4 50
Moore's Early Concord. Ears large and well filled from 12 to 20 rows; second early.....	05	25	75	1 30	4 50
Early Evergreen. A second early variety, resembling Evergreen; general crop.....	05	35	1 00	1 75	6 50
Long Island Beauty Early. Excellent, medium early, large size, sweet .....	05	25	75	1 30	4 50

## GENERAL CROP AND LATE.

Stowell's Evergreen. A late variety, of excellent quality, remaining longer in the green state than any other; general crop .....	05	45	1 50	2 50	9 00
Hickox Improved. A new variety of superior excellence is 12 rowed, straight and handsome; a superior market kind; general crop .....	05	25	75	1 25	4 50
Mammoth Sugar. A late variety of large size, very sweet and immensely productive. A leading variety.....	05	35	1 00	1 75	6 00
Country Gentleman. The sweetest and most tender of all sweet corn, late crop.....	05	50	1 75	3 00	
Moonachi or Sugar. Tender, sweet and productive; general crop .....		30	85	1 50	5 00
Black Mexican. One of the sweetest varieties.....		35	1 00	1 75	6 00
Sweet Fodder. For ensilage.....		25	75	1 25	4 00

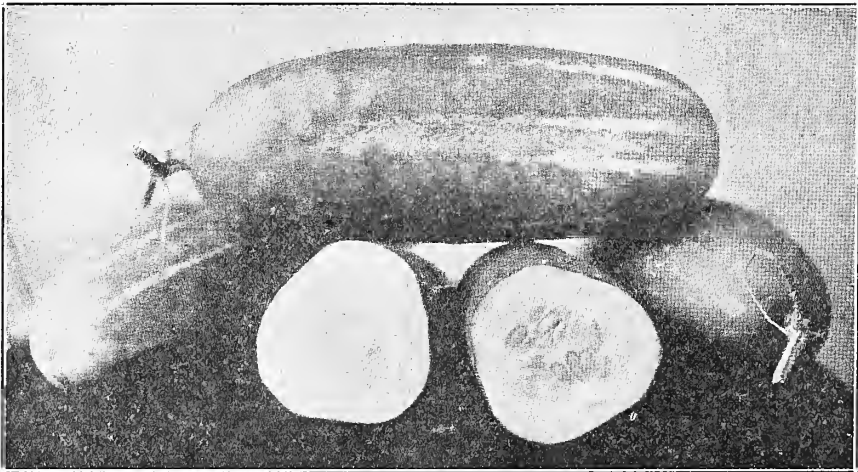
## FIELD CORN.

	Qt. shelled	Per 100 ear	Bush. shelled
Mastodon Dent. Very early strong growing .....	\$0 20	\$3 00	\$2 50
Pride of the North. (Dent) very early .....	20	3 00	2 25
Leamings Yellow. (Dent) early .....	20	3 00	2 25
Champion White Pearl .....	20	2 50	2 25
Early Canada. Yellow kernels .....	20	2 00	2 50
Large Yellow Flint .....	20	2 50	2 50
Large White Flint .....	20	2 50	2 50
Chester County Mammoth. Large, late yellow dent .....	20	3 00	2 25
Southern Horse Tooth. For fodder .....	(Market price)		
Eureka White Dent, for ensilage 12 to 14 rows, one of the best ensilage varieties, the fodder growing up to 17 feet, in some places matures in 120 to 130 days. See Novelties. ....	20		2 25

## CUCUMBERS

German, Gurken; French, Concombres; Spanish, Pepino.

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Rice's Early Fortune.</b> Best market and shipping sort.....	\$0 20	\$0 60	\$2 00
<b>Cumberland.</b> The best picking sort yet introduced, very handsome and productive, flesh fine but very crisp and tender .....	10	25	75
<b>Fordhook Pickling.</b> Prolific, medium size, skin thick .....	10	30	1 00
<b>Davis Perfect.</b> For forcing or outdoors, long and straight, valuable for slicing .....	10	20	75
<b>Cool and Crisp.</b> Very prolific; good for pickling and productive .....	10	25	85
<b>Thorburn's Everbearing.</b> Small size; very early .....	10	30	1 00
<b>Japanese Climbing.</b> Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor ....	15	30	1 00
<b>Nichols Medium Green.</b> A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green; fresh, tender and crisp .....	10	30	1 00
<b>Improved Early White Spine.</b> The best table variety; grows uniformly straight and smooth; dark green; and tender and excellent flavored. ....	10	30	1 00
<b>Peerless White Spine.</b> A new variety of the preceding; average length 10 inches; full at both ends; deep green, holding color until mature. ....	10	30	1 00
<b>Arlington White Spine.</b> Fine either for forcing or for outdoors .....	10	30	1 00
<b>Early Green Cluster.</b> A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer .....	10	25	75
<b>Early Short Green.</b> The standard for pickling, medium size, straight and handsome. It makes a beautiful pickle that keeps well .....	10	25	75
<b>Long Green.</b> A very excellent variety; a good bearer; about a foot in length rather pointed at both ends; dark green, firm and crisp.....	15	30	1 00
<b>Green Prolific Pickling.</b> Very prolific; and said by those who have tested it equally desirable as a market Cucumber .....	15	30	1 00
<b>West Indian Gherkin or Burr.</b> A very small oval shaped prickly variety. It is grown exclusively for pickling, and should always be picked when young and tender .....	20	40	1 50



Cucumbers succeed best in warm, moist rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. **English Frame Cucumber**—Per pkt. 25c. **Improved Sion House, Telegraph, Giant of Arnstadt, Duke of Edinburgh, Gen. Grant, Long Gun, Craters's Tender and True, Swan Neck, Blue Gown.**

These varieties are for growing in hot-beds, or in hot-houses, particularly constructed for forcing, so that a supply can be furnished during the winter months, at which time the prices are very remunerative. Sow seeds in November, December or January, according to the time they are wanted for the market.

## DANDELION

German, Pardelblume; French, Pisse en-lit; Spanish, Armagon.

	Per oz.	¼ lb.	lb.
Thick leaved .....	\$0 40	\$1 25	\$4 50
Best French .....	30	85	3 00
Montmagny .....	40	1 25	4 00

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.

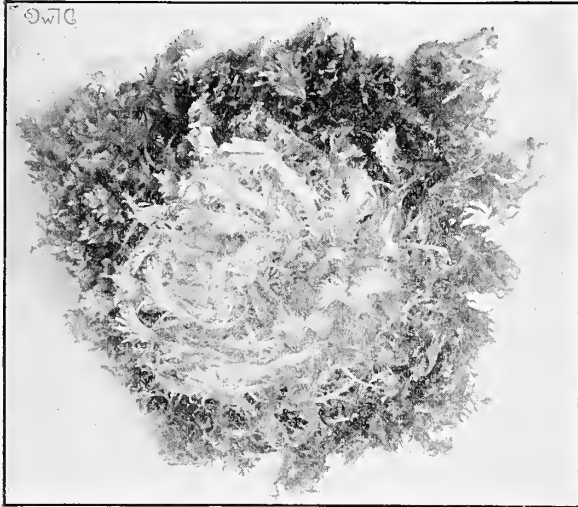


DANDELION

## ENDIVE OR CHICKORY

German, Endevien; French, Chicoree; Spanish, Endivia.

	Per oz.	¼ lb.	lb.
Green Curled Winter. Very hardy; leaves dark green, tender and crisp .....	\$0 10	\$0 35	\$1 25
Broad Leaved Batavian. (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching .....	15	35	1 25
Early White Curled. (Self-blanching), the best variety; grows to large size; very large and tender .....	10	35	1 25



ENDIVE

### Moss Curled Early

Summer. Used for salads as winter varieties .....

15 35 1 25

### Witloff or French

Endive. New....

30 85 3 00

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way in August and September. It requires no special soil or manure, and after planting, is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is affected by covering up the plants as they grow, with slats or boards, which serves the purpose of excluding the air and light.

## EGG PLANT

German, Eier Pflanz; French, Aubergine; Spanish Bereinfena.

	Per oz.	¼ lb.	lb.
New York Improved. Superior market variety of large size and fine variety .....	\$0 50	\$1 50	
Black Beauty Tendage. Earlier than New York Improved and as large, purplish black..	50	1 50	
Early Dwarf Purple. Medium size .....	30	85	3 00
Black Pekin. A fine variety, bearing large round, deep purple fruits, fine, grand and of superior quality .....	35	1 00	3 50

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.



NEW YORK EGG PLANT

## KALE

German, Blatter-Kohl; French, Chou Vert; Spanish, Breton.

**Siberian German Green or "Sproute."** This variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring..... .10 .20 .65

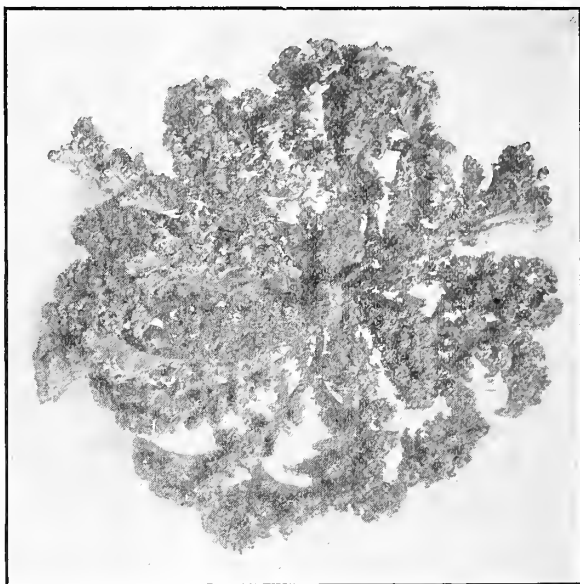
**Dwarf Green Curled Scotch.** Beautifully fringed dwarf growing kind, with bright green leaves ..... .10 .30 1.00

**Tall Green Curled Scotch.** Tall growing, very hardy variety, leaves a bright green, beautiful curled. .10 .30 1.00

**Dwarf Brown German Curled** .....10 .30 1.00

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in

June and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.



KALE

## KOHL-RABI

German, Kohl-Rabi; French, Chou Rave; Spanish, Colinabo.

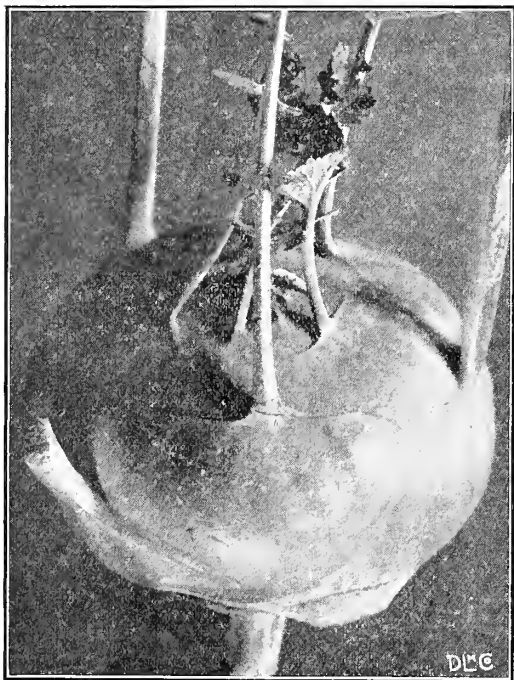
Per oz. ¼ lb. lb.

**Early White Vienna.** Flesh white and tender; best market sort; good for table use .....\$0 30 \$0 85 \$3 00

**Early Purple Vienna.** Differing from the above in color, which is of a bluish purple ..... 30 85 3 00

**Large White or Green.** Large ball, not so fine, but more productive.... 25 75 2 50

Kohl-Rabi or Turnip stemmed cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb, somewhat resembling a turnip: this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.



KOHL-RABI

**LEEK**

German, Lauch; French, Poireau;  
Spanish, Puerro.

Per oz.  $\frac{1}{4}$  lb. lb.

**Large American Flag.**

The kind mostly  
grown for market...\$0 15 \$0 50 \$1 50

**Large Careten.** A large

growing French var-  
iety of excellent qual-  
ity ..... 15 50 1 50

**Large Rouen.** Very

large and fine ..... 15 50 1 50

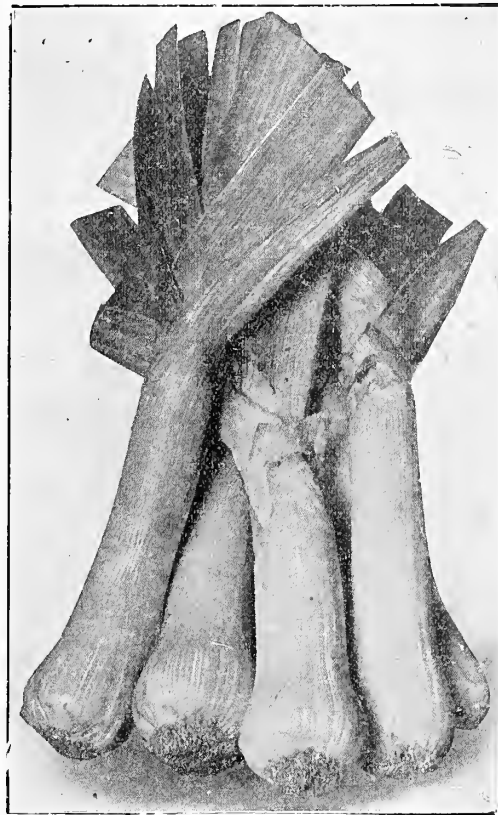
The Leek is very hardy and easily culti-  
vated; it succeeds best in a light, but well  
enriched soil. Sow as early in the spring as  
practicable, in drills one inch deep and one  
foot apart. When six or eight inches high  
they may be transplanted in rows ten inches  
apart each way, as deep as possible; that the  
neck, being covered, may be blanched. If  
fine leaks are desired, the ground can hard-  
ly be made too rich.

**SEA KALE**

German, Seekohl; French, Crambe Maritime;  
Spanish, Berton de Mar.

**Sea-Kale Seeds.** Very much like Celery, Per  
oz. 20c.  $\frac{1}{4}$  lb. 60c. lb. \$2.00.

Cultivate for its blanched shoots, which are cooked in the same way as Asparagus. A supply  
may be had all winter by planting the roots closely in warm cellar before frost. Sow one inch deep  
in drills two feet apart; thin out to six inches, and the next spring plant in hills three feet apart,  
three plants in each.

**LEEK****LETTUCE**

German, Laitick; French, Laitue; Spanish, Lechuga.

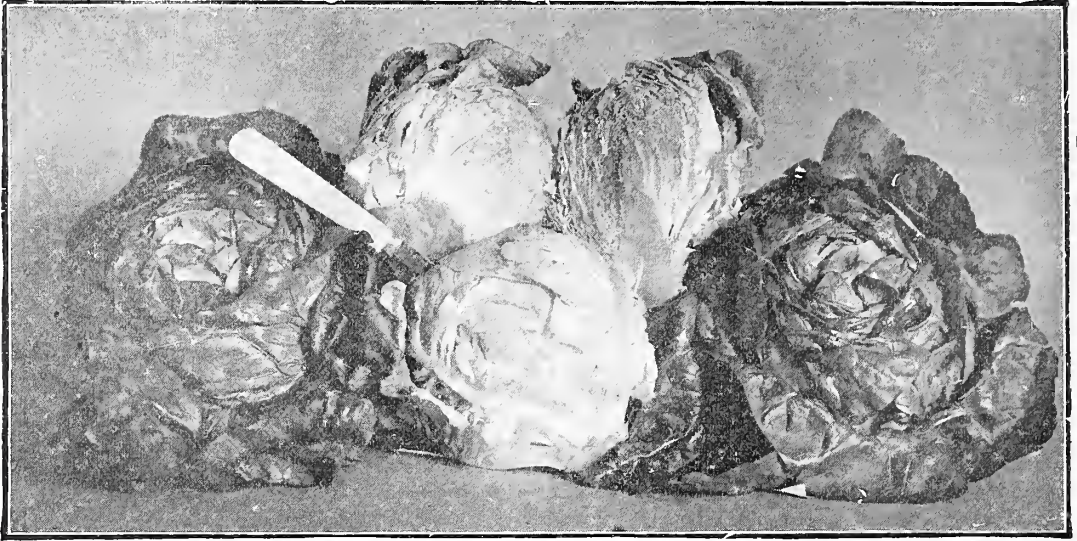
For early crop, the seed may be sown in the open ground  
in September, and transplanted to coldframes as soon as  
large enough to handle. In dry, sheltered spots, by covering  
up with leaves late in the season. Lettuce plants may be  
saved over Winter without glass covering. The plants for  
setting out in Spring are also sown in coldframes in February,  
and in hotbeds in March, and by careful covering up at night  
make plants to set out in April.

**Golden Yellow Cos.** Long-standing; solid; golden yellow. Oz.,  
15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.50.

**Red Cos.** Splendid French sort. Outer leaves red-brown. Oz.,  
15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.50.

**White Paris Cos.** Of upright growth; fine w. s. Oz., 15 cts.;  
 $\frac{1}{4}$  lb., 40 cts.; lb., \$1.50.

**WHITE PARIS COS.**



### MAY KING LETTUCE

LETTUCE—Continued.

German, Laitick; French, Laitue; Spanish, Lechaga.

	Per oz.	¼ lb.	lb.
<b>MAY KING LETTUCE.</b> Very early, sure header, solid, good flavor....	\$0 15	\$0 35	\$1 25
<b>The Holyrood Hot Weather Lettuce</b> .....	40	1 25	4 00
<b>Thorburn's Market Garden.</b> Private stock sound, large heads .....	15	35	1 25
<b>Thorburn's Maximum.</b> Large and solid heads, heat resisting .....	15	40	1 50
<b>Selected Buttercup.</b> Yellow, solid heads for outdoor forcing .....	15	35	1 25
<b>Big Boston.</b> Similar to Boston Market, double this size .....	15	35	1 25
<b>Early Curled Simpson.</b> Very early and an excellent sort for forcing; is largely grown by the market gardeners .....	15	35	1 25
<b>American Gathering.</b> Twisted and curled leaves, fine for early or late ...	10	25	80
<b>Deacon.</b> This magnificent Lettuce stands hot weather better than any other Butter variety. Large, firm heads of creamy white and rich flavor.....	15	35	1 25
<b>Denver Market.</b> For forcing or open ground; large solid heads .....	15	30	1 00
<b>Tennis Ball.</b> (Black seeded), well formed heads hardy and crisp, one of the earliest of heading varieties .....	15	35	1 25
<b>Tennis Ball, or Boston.</b> (White seeded), grows very compact, white and crisp, one of the best for forcing or the open ground .....	15	35	1 25
<b>Salamander Head.</b> Fine compact head, resists heat .....	15	35	1 25
<b>Black-Seeded Butter.</b> Fine market strain .....	15	35	1 25
<b>Large White Cabbage.</b> Excellent for summer; heads of good size .....	15	35	1 25
<b>Black Seeded Simpson.</b> Stands the summer well .....	15	35	1 25
<b>Gray Seeded Butter.</b> One of the best large heads .....	15	35	1 25
<b>Shotwell's Brown Head.</b> Large and handsome; heads hardy; standing summer heat without injury .....	15	40	1 50
<b>Boston Market.</b> Large solid heads, very fine for forcing, and of fine flavor.	15	35	1 25

### ROMAINE OR COS VARIETIES.

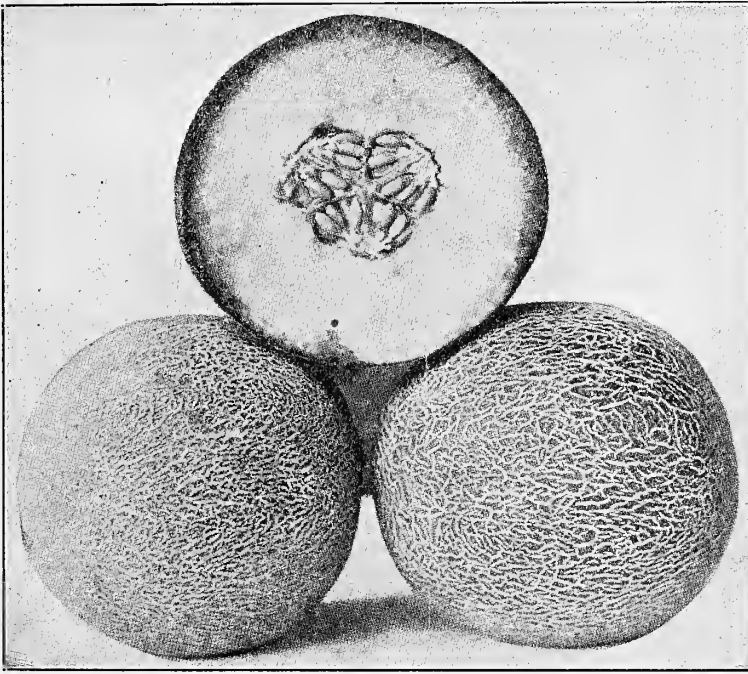
<b>Trianon Cos.</b> The best of the Cos variety .....	15	40	1 50
<b>White Paris Cos (Romaine).</b> Sow early; tie up to blanch .....	15	40	1 50
<b>Golden Yellow Cos.</b> Long standing, large solid heads, crisp and tender ...	15	40	1 50

Lettuce is the most popular of all salads. Boiled, is quite equal to Spinach; and it is also sometimes used in soups. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and Tennis Ball under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.

## MELON, MUSK

German, Melone; French, Melon; Spanish, Melon Muscatel.

	Per oz.	$\frac{1}{4}$ -lb.	lb.
<b>Texas Cannon Ball.</b> Very white; flesh.....	\$0 20	\$0 50	\$1 50
<b>Paul Rose.</b> Handsome, oval orange flesh, sweet.....	15	30	1 00
<b>Long Island Beauty.</b> Similar to Hackensack; very early.....	15	30	1 00
<b>Miller's Cream or Osage.</b> Flesh and salmon color and very thick.....	15	30	1 00
<b>Golden Netted Gem.</b> Early, round, fine small, fine flavor.....	15	30	1 00
<b>Hackensack.</b> Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor....	15	30	1 00
<b>Montreal Market.</b> Green flesh, very thick, fine flavor.....	10	25	75
<b>Long Yellow Cantalope.</b> Yellow flesh, suitable for the market.....	15	30	1 00
<b>Baltimore Market.</b> Oblong; orange flesh.....	10	25	75
<b>Jennie Lind.</b> A very early kind, of small size, but delicious flavor.....	15	30	1 00
<b>White Japan.</b> Size medium and nearly round; skin cream white and very thin; flesh pale green, early and sweet.....	15	35	1 25
<b>Rocky Ford.</b> Very sweet; spicy flavored, small and oblong, most popular sort	15	50	1 50



Melons thrive best in a moderately enriched live soil; the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill early in May, and when well up, thin out three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerous thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

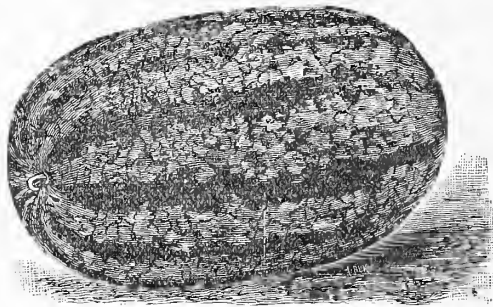
## MELON, WATER

German, Wassermelone; French, Melon d'Eau; Spanish, Zaudia.

	Per oz.	$\frac{1}{4}$ -lb.	lb.
<b>Tom Watson.</b> Long and 8 to 10-in. diameter. Thin rind, crisp flesh, fine flavor	\$0 10	\$0 25	\$0 70
<b>Kolb's Gem.</b> Nearly round, dark green.....	10	25	70
<b>Seminole.</b> A new early variety. Long striped sort.....	10	25	70
<b>Pride of Georgia.</b> Dark green, oval in shape; crisp and sweet; very large..	10	25	70
<b>Mountain Sweet.</b> One of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious.....	10	25	70
<b>Black Spanish.</b> Shape round, rather small; skin dark green, flesh red, sweet, rich .....	10	25	70
<b>Phinney's Early.</b> Flesh deep red, of a very superior quality; a valuable early market variety .....	10	25	70
<b>Cuban Queen.</b> Solid and heavy.....	10	25	70
<b>Ice Cream.</b> (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid crisp, excellent.....	10	25	80

**MELON, WATER—Continued.**

	Per oz.	¼ lb.	lb.
Rattlesnake. Very large, striped, red flesh variety .....	\$0 10	\$0 25	\$0 70
Mammoth Iron Clad. Long and large; thin skin deep red flesh .....	10	25	70
The "Boss" Oblong; dark green .....	10	25	70
Citron. (Red seeded), round handsome fruit of small size and used in the making of sweetmeats and preserves .....	10	20	65
Citron. (Green Seeded), used for preserves .....	10	20	65

**IRON CLAD**

Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

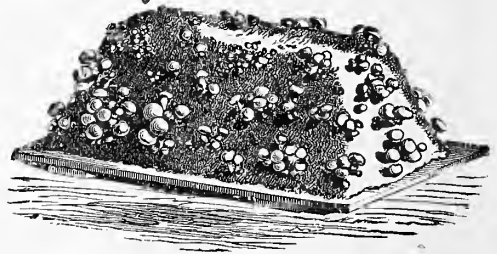
**MUSHROOMS**

German, Chimpignoubrut; French, Champignon; Spanish, Hongo.

Imported English Spawn .....	per brick 15c	10 bricks \$1.30	100 bricks \$12.00
Imported French Spawn .....			None this season.
American Spawn Bricks .....	per brick 20c	10 bricks \$1.80	100 bricks \$16.00

Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.

Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to .90 degrees, make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.

**MUSHROOMS****MUSTARD**

German, Senf; French; Moutarde; Spanish, Mostaga.

	Per oz.	¼ lb.	lb.
White London. Best of salads .....	\$0 05	\$0 15	\$0 30
Black. Used for cooking and salad .....	05	10	25

Mustard in the green state is a refreshing salad, mixed with Cress, Lettuce, or other salad plants. It is necessary to make frequent sowing of it, as it should be cut and used in a very young state, even before the first rough leaf appears. The seed should be sown thickly in light soil, the surface of which should be made very smooth. The seed should be pressed into the soil with the back of a clean spade.

**NASTURTIIUM**

German, Nastrutian; French, Capusine; Spanish, Maranuela.

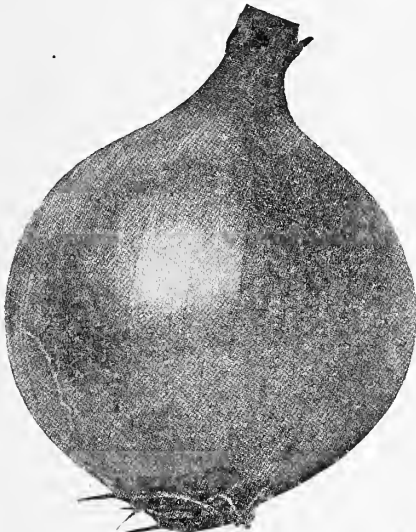
	Per oz.	¼ lb.	lb.
Tall Scarlet .....	\$0 15	\$0 25	\$0 75
Tall Yellow .....	15	25	75
Tall Nasturtium, Mixed .....	10	20	60
Dwarf Nasturtium, Mixed .....	15	30	1 00

NASTURTIIUM—Continued

Cultivate both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its scarlet and orange-colored flowers which appear freely all summer, add a charm to the garden.

ONION

German, Zweibel;; French, Oignon; Spanish, Cebolia. —



Yellow Globe Prize Taker, 90 days

- Southport Red Globe. Similar to the large Red in flavor and color, but quite distinct in form, beng nearly globular .....
- Southport White Globe. Form nearly ovoid symmetrical, keeps well, is an excellent variety .....
- Southport Yellow Globe. Same as above, except in color .....
- White Flat Bermuda. Very early .....
- Red Flat Bermuda. Very early .....

	Per oz.	¼ lb.	lb.
Early Red Flat. About ten days earlier than the Large Red, and not quite so large.....	\$0 20	\$0 65	\$2 25
Large Red Wethersfield. The staple variety of the Eastern onion growers; of large size, deep in color, a good keeper .....	20	60	2 25
Yellow Globe Danvers. An excellent variety, mild and very productive; ripens early and a good keeper .....	20	65	2 25
Prizetaker or Early Globe Spanish. Immense size..	20	65	2 00
White Portugal or Silver Skin. A handsome onion of mild flavor; extensively grown for pickling .....	35	1 00	3 50
	20	60	2 25
	40	1 25	4 00
	30	90	3 00
	30	90	3 00
	25	75	2 50

ITALIAN VARIETIES.

- Adriatic Barletta. White, new variety, fully two weeks earlier than the Queen .....
- Early Queen. Excellent variety, very early, a good keeper and mild flavor white .....
- Giant Rocca. A splendid large variety from Naples, of globular shape, bright brown skin and delicate flavor .....

The onion thrives best in a rather strong, deep, rich loamy soil, and unlike most vegetables succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

ONION SETS

	qt.	½ pk.	pk.
White Onion Sets .....	\$0 35	\$1 00	\$1 75
Yellow Onion Sets .....	30	90	1 50
Red Onion Sets .....	30	90	1 50
Potato Onions .....	25	75	1 25
Shallots .....	30	90	1 50
Red Top Onions .....	30	90	1 50

THESE ARE PRICES RULING IN  
FEBRUARY.

## OKRA OR GUMBO

German, Essbarer Safran; French, Gomo; Spanish, Quibombo.



LONG GREEN OKRA.

Per oz. ¼ lb. lb.

<b>Improved Dwarf White.</b> Long slender pods, very productive, only 14 in. high .....	\$0 10	\$0 20	\$0 50
<b>Dwarf Green.</b> Early and productive .....	10	20	50
<b>Long Green.</b> Fine long pods, very good .....	10	20	50

The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

## PARSNIPS

German, Pastinake; French, Panals; Spanish, Chirivia.

Per oz. ¼ lb. lb.

<b>Guernsey or Cup.</b> Leading variety .....	\$0 10	\$0 20	\$0 50
<b>Long Smooth or Hollow Crown.</b>			
Long roots .....	10	20	50
<b>Early Round</b> .....	10	20	60

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

## PARSLEY

German, Petersilie; French, Persil; Spanish, Perjil.

Per oz. ¼ lb. lb.

<b>Extra Double Curled.</b> A fine dwarf variety excellent for garnishing .....	\$0 10	\$0 25	\$0 75
<b>Fern Leaves.</b> The most beautiful form of parsley, resembling crested fern or moss in its growth .....	10	25	75
<b>Plain Leaves.</b> Hardier than the curled variety .....	10	20	60
<b>Moss Curled</b> .....	10	25	75
<b>Hamburg, or Rooted.</b> Edible roots .....	10	25	75

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.

## PEAS

German, Erbsen; French, Pois; Spanish, Guisantes.

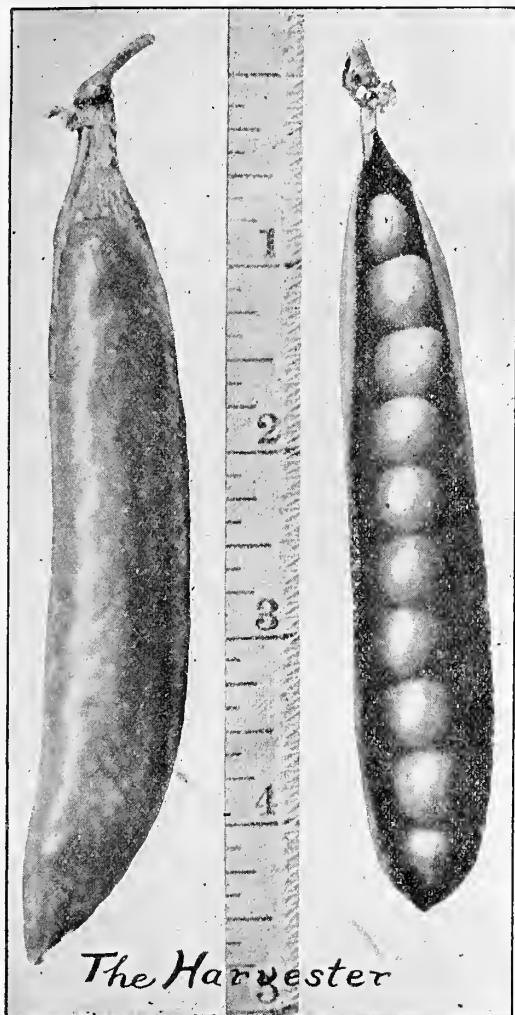
Extra Early Varieties

Per qt. ½pk. pk.

<b>Harvester.</b> Medium Early. Large double podded. Heavy cropper. Fine flavor. Vines dark green and very sturdy .....	\$0 35	\$1 25	\$2 00
<b>Gradus or Prosperity.</b> Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large peas and pods, splendid flavor. Requires no sticks, reaching only 36 inches in ordinary good soil. Height, 3 feet....	40	1 35	2 25
<b>Thomas Laxton.</b> A cross between Gradus and one of the extra early sorts. Ripens within a day or two of the earliest round varieties; very productive. The pods are large and contain 7 or 8 large, wrinkled Peas of the finest flavor .....	45	1 50	2 50

## PEAS—Continued.

Mauretania. Extra Early, First and Best Type. Larger Seed and better Pods ... Per. qt. ½ pk. pk.  
35 \$1 25 \$2 00



Nott's Excelsior. Extra dwarf wrinkled, pods larger than American Wonder, 1 foot ..... 35 1 25 2 00

American Wonder. Earliest wrinkled variety, 1 1-2 feet ..... 35 1 25 2 00

Alaska. Very early and retain their color well, height 2½ feet ..... 35 1 25 2 00

First and Best. One of the best extra early Peas. An improved strain of the Extra Early Market, height, 2½ feet ..... 35 1 25 2 00

Little Gem. A dwarf green wrinkled Market, very prolific, of superior flavor, and a first early, 1½ feet 35 1 25 2 00

Premium Gem. A fine flavored dwarf, wrinkled variety; good cropper and fine quality. Height 18 inches..... 35 1 25 2 00

## SECOND EARLY VARIETIES.

Heroine Medium Early. Green wrinkled, height 2½ feet. 35 1 25 2 00

Everbearing, good size pea long pod, height 2½ feet 35 1 25 2 00

McLean's Advancer. Early green wrinkled varieties, delicious flavor, height 2½ feet ..... 35 1 25 2 00

Pride of the Market. Very large pods, green peas, sow thin, height 2 feet.... 35 1 25 2 00

Yorkshire Hero, or Dwarf Champion ..... 30 1 25 2 00

Abundance. 18 inches high, 6 to 8 peas in rod, large and wrinkled ..... 35 1 25 2 00

Dwarf Telephone. Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and very sweet ..... 35 1 25 2 00

## GENERAL CROP.

Prince Edward. An Extraordinary cropper, large pods, fine quality, 4 feet. 35 1 25 2 00

Champion of England. A popular wrinkled variety of delicious flavor; profuse bearer. Peas are very large, tender, height 5 feet. .... 35 1 25 2 00

Telephone. This is the best pea for general crop, both for home and market; use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet ..... 45 1 50 2 50

Stratagem. Mammoth pods, well filled, height 1½ feet ..... 45 1 50 2 50

Black-Eyed Marrowfat. Grown for market, hardy, productive, 3ft. bu. \$4.00 35 1 25 2 00

Mammoth Gray Sugar. Edible pods, a fine flavored variety; can be used in green state like string beans. Height 5 feet ..... 50

Dwarf, Sugar. Edible pods ..... 50

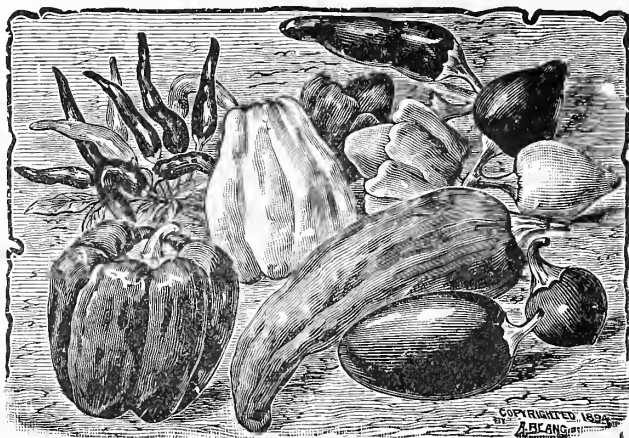
Peas come earlier to maturity in light soil. For general crop a deep rich loam, or strong loam inclining to clay is best. For early crops decomposed leaves or leaf mould should be used, or if the soil is very poor, strong manure may be employed. For general crop a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities for private use,

## PEAS—Continued.

they are sown in double rows six or eight inches apart, and the rows three feet apart, the tall varieties staked up by brush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet.

## PEPPER

German, Pfeffer; French, Piment; Spanish, Pimiento.



PEPPERS.

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Ruby King.</b> Very large; bright red .....	\$0 40	\$1 25	\$4 00
<b>Sweet Spanish.</b> One of the largest. Best for salads, mild .....	40	1 25	4 00
<b>Large Bell or Bull Nose.</b> An early variety of mild flavor .....	35	1 00	3 50
<b>Sweet Mountain or Mammoth.</b> Of large size, best for mangoes .....	45	1 35	4 50
<b>Chinese Giant.</b> Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer .....	50	1 50	5 00
<b>Long Red Cayenne.</b> Used for Pepper, sauces very pungent .....	40	1 25	4 00
<b>Golden Queen Mammoth.</b> Large, golden, yellow, early .....	40	1 25	4 00
<b>Chili.</b> Very piquant and prolific, fruit conical, bright scarlet .....	40	1 25	4 00
<b>Golden Dawn Mango.</b> This is a remarkably prolific Pepper of the Bell class of a magnificent golden color .....	40	1 25	4 00
<b>Hot Mango Pepper.</b> Very Hot, best for Pepper Sauce and Pickling .....	40	1 25	4 00

The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.

## POTATOES

German, Kartoffel; French, Pomme de Terre; Spanish, Petata.

**Houlton Stirling** (see novelties).

**Houlton Hebron.** White skin, the most popular variety in cultivation .....

**Houlton Rose.** The standard variety .....

**Houlton Early Queen.** Early and productive .....

**Houlton Green Mountain.** Late variety, good keeper, white and mealy....

**Houlton Irish Cobbler.** Very early, round white .....

**Houlton Boree.** Extra early production, white flesh .....

**Houlton Bagley** .....

**Houlton Delaware** .....

Prices on  
application

## POTATOES—Continued

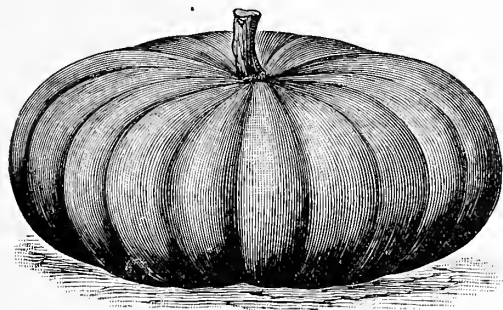


HOULTON MAINE POTATOES

## PUMPKIN

German, Kuerbis; French, Gource;  
Spanish, Calabaz a Tetanera.

Per oz.    ¼ lb.    lb.



CHEESE PUMPKIN.

Morse's Marrow. (See Novelties) .....	\$0 25	\$0 60	\$2 00
Calhoun. Flesh wonderfully thick, fine grained .....	10	20	60
Large Cheese. The best variety, hardy and productive ..	10	20	50
Connecticut Field. Very productive, largely grown for feeding stock 20c. per quart, \$3.00 per bushel ..	10	20	50
Mammoth King. Grows to an immense size .....	10	30	1 00
Early Sugar. Fruits medium size, of excellent keeping quality. Flesh very sweet ..	10	20	55

Cushaw. Salmon color, crooked neck..... 10 20 60

Tennessee Sweet Potato. Bell shaped, thick, white flesh, nothing finer for pies 10 20 50

These are unusually in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.

## RHUBARB

German, Rabarber; French, Rhuperbe; Spanish, Ruibarbo.

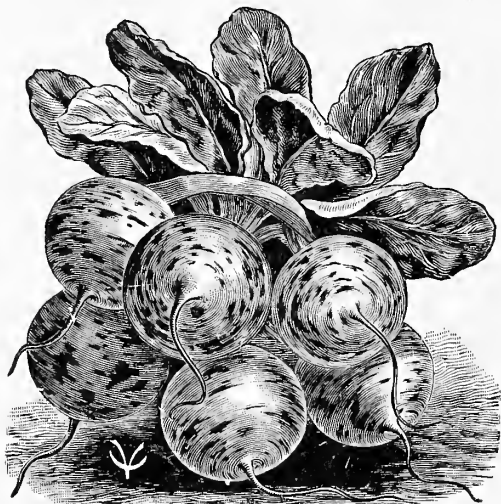
	Per oz.	¼ lb.	lb.
Linnaeus. Early, large and tender .....	\$0 15	\$0 40	\$1 25
Victoria. Very large, later than Linnaeus .....	15	35	1 00
Roots (Victoria) .....	10c. each	\$1 00	doz.

Sow early in spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall or following Spring, transplant into deep, rich soil, about three feet apart each way.

## RADISH

German, Retting; French, Radis; Spanish, Robanitos.

	Per oz.	¼ lb.	lb.
<b>Vick's Scarlet Globe.</b> New, very fine.....	\$0 10	\$0 20	\$0 65
<b>Early Scarlet Turnip.</b> The standard variety, of quick growth, mild and crisp when young.....	10	20	65
<b>Early Scarlet Turnip.</b> Forcing variety, maturing in three weeks.....	10	20	65
<b>Early Scarlet Turnip.</b> White tipped, a beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners Market gardeners price.....10 lbs. at 40c lb.	10	25	75
<b>Early Scarlet Turnip.</b> White tip, forcing.....	10	20	65
<b>Olive Shape Deep Scarlet.</b> .....	10	25	75
<b>French Breakfast.</b> Of quick growth, very mild and tender, of oval form; color scarlet, tipped with white.....	10	25	75
<b>Long Scarlet.</b> One of the leading market kinds.....	10	20	60
<b>Rose China Winter.</b> Flesh firm and piquant; excellent for winter use....	10	20	60
<b>White Summer Turnip.</b> A summer variety of mild favor.....	10	20	60
<b>Yellow Summer Turnip.</b> Grows to a large size.....	10	30	1 00



<b>Black Spanish Winter.</b> Long, one of the hardiest and best for winter use.	10	20	65
<b>Half Long Black Spanish.</b> Very fine strain.....	10	25	75
<b>Black Spanish Winter.</b> Round .....	10	30	1 00
<b>Giant Stuttgart.</b> Summer favorite, German sort ..	10	20	60
<b>California Mammoth White.</b> A giant white fleshed Fall Radish .....	10	25	75
<b>White Spanish.</b> Long, rather milder than the black.	10	25	75
<b>White Strasburg.</b> Very large, German sort.....	10	20	60
<b>White Vienna or Lady Finger.</b> Crisp and tender in summer .....	10	25	75
<b>Icicle.</b> Long, pure white, suitable for forcing....	10	25	75

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy;

they thrive best in high rich soil. For a successful supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

## SPINACH

German, Spinat; French, Spinard; Spanish, Espinaca.

Special price on lots of 10 to 25 lbs.

<b>Long Standing, Round Leaved.</b> .....	\$0 10	\$0 30	\$1 00
<b>Flander's Round Leaved.</b> The variety commonly grown, good for spring or fall sowing.....	10	30	1 00
<b>Large Viroflay.</b> A new variety, with leaves much larger and thicker than the old variety.....	10	30	1 00

**SPINACH—Continued.**

	Per oz.	¼ lb.	lb.
<b>Victoria, New.</b> Dark green color, sow early . . . .	\$0 10	\$0 30	\$1 00
<b>Bloomsdale Savoy Leaved.</b> A large, curled, thick leaved variety, the market gardner's favorite . . .	10	30	1 00
<b>Prickly.</b> Prickly seeded, with triangular arrow-shaped leaves . . . . .	10	30.	1 00
<b>New Zealand.</b> Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light rich soil . . . . .	15	50	1 50

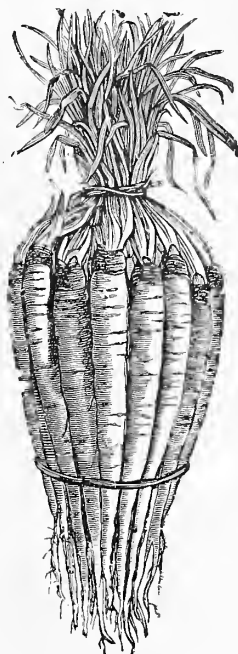
Sow in fall for spring use, in drills a foot apart, thinning out the plants to three inches apart in the rows. **Spinach** is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals, during the season for succession.

**SALSIFY, OR OYSTER PLANT**

German, Bocksbart; French, Salsifs; Spanish, Salsifi.

	Per oz.	¼ lb.	lb.
<b>Long White French</b> . . . . .	\$0 25	\$0 75	\$2 50
<b>Mammoth Sandwich Island</b> . . . . .	20	75	2 50

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.



SALSIFY.

**SQUASH**

German, Garten Kuerbise, French, Courage; Spanish, Bueter

	Per oz.	¼ lb.	lb.
<b>Mammoth Summer Crookneck.</b> Twice size of Summer Crookneck. . . . .	\$0 10	\$0 25	\$0 85
<b>Fordhook Squash.</b> Bright, yellow good keeper . . . . .	10	25	75
<b>Early Golden Bush Scalloped.</b> True bush growth producing fruit ready for use early in the summer. . . . .	10	25	85
<b>Early White Bush Scalloped.</b> A white variety of the above . . . . .	10	25	75
<b>Summer Crookneck.</b> Early, productive and of good quality. . . . .	10	25	85
<b>Boston Marrow.</b> A very valuable medium early variety, an excellent keeper and of superior quality . . .	10	25	75
<b>Hubbard.</b> The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor . . . . .	10	30	1 00



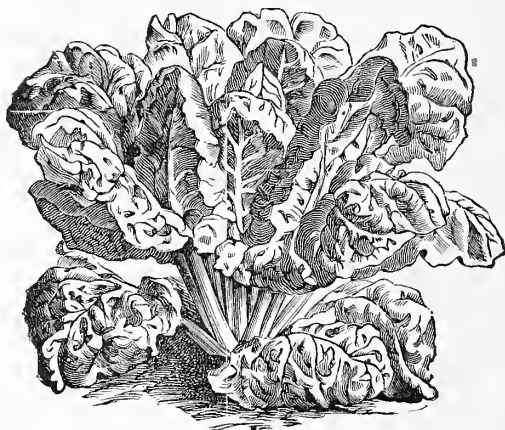
**Mammoth Chili.** Grows to a large size, often weighing two hundred pounds  
Excellent for stock . . . . .

**Vegetable Marrow.** A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor . . . . .

10	30	1 00
10	30	90

**SQUASH—Continued.**

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil, for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

**SWISS CHARD OR SILVER BEET.**

SWISS CHARD.

**Silver Leaf.** This is a Beet producing leaves only of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**Giant Lucullus.** Large, crinkled leaves; tender and of fine flavor; dark green; pure white ribs. Pkg. 5 cts., oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

**TOBACCO**

**Connecticut Seed Leaf.** This variety is best adapted to the climate of the Northern and Middle States. Per oz. 30c,  $\frac{1}{4}$ -lb. 85c, lb. \$3.00.

**Havana.** Imported Seed, Vuelto de Abbajo. Per oz. 45c,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

**TOMATO**

German, Liebesapfel; French, Tomote; Spanish, Tomata.

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>June Pink.</b> A very early market sort, smooth, medium size, bright pink	\$0 30	\$0 85	\$3 00
<b>Earliana, Extra Early.</b> Bright red, smooth. It is claimed to be one of the earliest introduced, very productive .....	25	75	2 50
<b>Favorite.</b> Large, smooth, productive, very solid and of fine flavor. A good shipper .....	25	75	2 50
<b>Imperial.</b> Very smooth, bright red color, good size .....	25	75	2 50
<b>Trucker's Favorite.</b> Large, smooth and very regular in form, purplish red, solid .....	25	75	2 50
<b>Thorburn's Terra Cotta.</b> A cross between the Stone Peach and Ponderosa..	30	85	3 00
<b>Ponderosa.</b> Very large and solid .....	40	1 25	4 00
<b>New Stone.</b> Large and smooth .....	25	75	2 50
<b>Livingston's Perfection.</b> Very early, round, smooth, tough skin, brilliant; solid and rich flavor; ripening thoroughly. A favorite market variety..	20	60	2 00
<b>Livingston's Beauty.</b> Large dark crimson, thick skin .....	25	75	2 50
<b>Dwarf Champion.</b> Resembles Acme, early .....	30	85	3 00
<b>Acme.</b> A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato..	25	75	2 50
<b>Matchless.</b> Extra large, smooth and handsome; bright red; very solid. Plant of vigorous growth and prolific .....	25	75	2 50

**TOMATO—Continued.**

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Golden Queen.</b> A first class large, smooth, pure yellow Tomato. Fine bearer and of excellent flavor .....	\$0 25	\$0 75	\$2 50
<b>Yellow Plum.</b> Used principally for pickling .....	30	85	3 00
<b>Red Pear Shape.</b> Used principally for preserving and pickling .....	30	85	3 00
<b>Red Currant for Preserves</b> .....	45	1 25	4 50
<b>Yellow Cherry.</b> Similar to above, except in color .....	30	85	3 00

**EARLIANA TOMATO.**

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

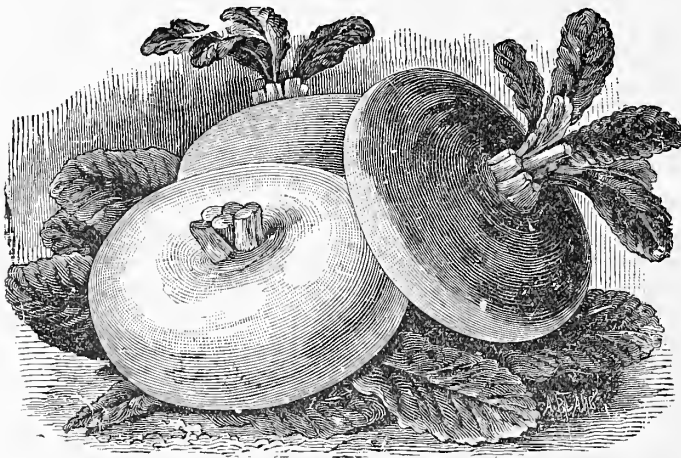
**TURNIP**

German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Milan.</b> (Purple top), the earliest of all .....	\$ 10	\$0 30	\$1 00
<b>Early White Flat Dutch.</b> An early garden variety of medium variety size. ....	10	20	50
<b>Red Top Strap Leaf.</b> This and the preceding are the best two kinds for Spring sowing and for garden culture .....	10	20	50
<b>Red Top White Globe.</b> Very desirable, extensively grown for market .....	10	20	50
<b>White Egg.</b> A new variety, beautifully shaped; excellent table turnip ....	10	20	50
<b>Yellow Globe.</b> One of the best for general crop, either for table use or stock .....	10	20	50
<b>Yellow Stone.</b> A good globe-shaped turnip, similar to the above .....	10	15	40
<b>Golden Ball.</b> A table Turnip of quick growth, and unsurpassed quality ...	10	20	50
<b>Long White or Cow Horn.</b> One of the best field Turnips, flesh fine grained	10	20	65
<b>Yellow Aberdeen.</b> Hardy and productive, large grown for farm purposes..	10	15	40
<b>Large White Norfolk.</b> Globe-shaped variety, one of the best for stock ...	10	20	50
<b>Pomeranium White Globe.</b> Very fine, white Globe variety, round and thick.	10	20	50
<b>German Teltow.</b> Small early fine grade, sugary .....	10	20	75
<b>Seven Top.</b> Tops used for Greens.....	10	15	40

## TURNIPS—Continued

## RUTA BAGAS



PURPLE TOP STRAP TURNIP

an inch or more and give them a light dressing, of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crops, sow from the middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

**American Improved Purple Top.**

The leading variety, of fine quality, valuable both for the table and for feeding stock. Per oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**Carter's Imperial Royal Swede.**

An English variety, highly recommended as producing enormous crops. Per oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**White or Sweet German.**

A large solid variety. Per oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**Laing's Improved, globe-shaped,**

with small top and tap root. Per oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

For spring crop commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots the depth of

## SWEET POT AND MEDICAL HERB SEEDS

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. They are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

	Per oz.
<b>Anise</b> ( <i>Pimpinella anisum</i> ), an annual, cultivated for its seeds and its leaves, which are used for garnishing and for seasoning .....	\$0 10
<b>Balm</b> ( <i>Melissa officinalis</i> ), a hardy perennial, used for making balm tea and balm wine....	25
<b>Basil, Sweet</b> ( <i>Ocimum basilicum</i> ). This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces.....	25
<b>Bene</b> ( <i>Sesamum orientale</i> ) .....	10
<b>Borage</b> ( <i>Borage officinalis</i> ), hardy annual, some times used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers .....	15
<b>Caraway</b> ( <i>Carum cauri</i> ), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavor to liquors .....	10
<b>Catnip</b> ( <i>Nepeta cataria</i> ), perennial .....	40
<b>Coriander</b> ( <i>Coriandrum salivum</i> ), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine .....	10
<b>Dill</b> ( <i>Anethum graveolens</i> ), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants 75c lb .....	15
<b>Fenel</b> ( <i>Anethum foeniculum</i> ), hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces .....	10
<b>Horehound</b> ( <i>Marrubium vulgare</i> ), hardy perennial, principally used for medicinal purposes...	30
<b>Hyssop</b> ( <i>Hyssopus officinalis</i> ), hardy perennial, the leafy tops and flowers are used for making hyssop tea .....	30

## SWEET POT AND MEDICINAL HERB SEEDS—Continued

	Per oz.
Lavender ( <i>Lavandula spica</i> ), a popular aromatic herb .....	\$0 60
Majorum, Sweet ( <i>Origanum Majorana</i> ), for seasoning .....	40
Opium Poppy ( <i>Papaver sonniferum</i> ) .....	25
Rosemary ( <i>Rosmarinus officinalis</i> ), an aromatic herb .....	50
Rue ( <i>Ruta graveolens</i> ), used for medicinal purposes, also frequently given to fowls for the roup .....	40
Saffron ( <i>Carthamus tinctorius</i> ) .....	15
Sage ( <i>Salvia officinalis</i> ), much used for flavoring various articles of cookery. It is also pos- sessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse pers- piration .....	20
Summer Savory ( <i>Satureia hortensis</i> ), annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups .....	Crop Failed
Sorrel, Broad Leaved, used in salads .....	20
Thyme, Broad Leaved English, hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for ner- vous headache .....	40
Tarragon, Roots, each 35 cents .....	35
Tansy ( <i>Tanacetum vulgaris</i> ) .....	40
Wormwood ( <i>Antemesia abietnium</i> ), used for medicinal purposes; it is also beneficial to poultry and should be planted in poultry grounds .....	30

## MUZZY BROTHERS' CELEBRATED LAWN GRASS

	1 qt.	2 qt.	4 qt.	8 qt.	1 bu.
Muzzy Bros.' Fine Mixed Lawn Grass. Composed of a mix- ture of the finest grasses; sow three bushels per acre.....	\$0 20	\$0 40	\$0 75	\$1 25	\$4 00
Muzzy Bros.' Special Lawn Mixture. This extra choice mix- ture contains a large proportion of the finer and more ex- pensive species of grasses, in extra heavy samples, producing a turf of the closest and finest texture possible .....	25	50	85	1 50	5 50
Muzzy Bros.' Shady Lawn Mixture. A mixture of grasses that thrive in shady situations, under trees, or close to walls where there is little sun .....	35	60	1 00	1 75	6 00

## QUANTITIES TO BE USED.

Plot 20 feet by 20 feet, sow 1 quart.

Plot 25 feet by 50 feet, sow 4 quarts.

Plot 25 feet by 25 feet, sow 2 quarts.

Plot 25 feet by 100 feet, sow 8 quarts.

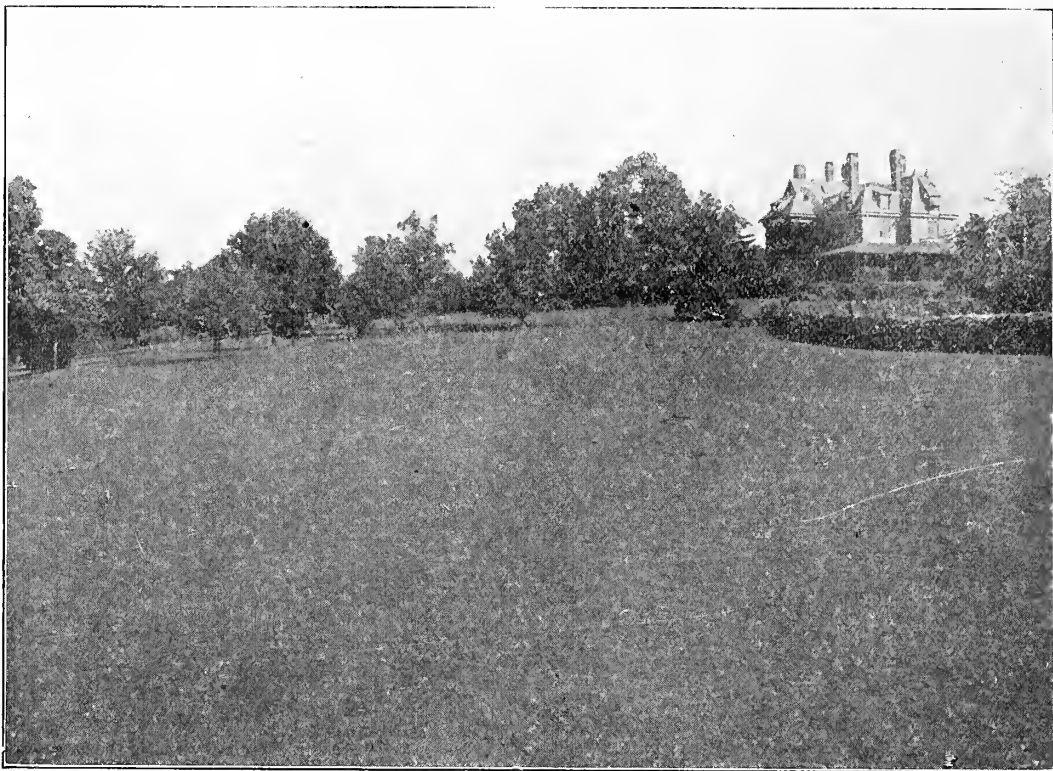
Plot one acre, sow 3 bushels.

For large lawns, where turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one to two bushels to an acre. On such lawns it is well to use our Lawn Dressing, which can be raked in.

## MUZZY BROS.' LAWN GRASS, TOP DRESSING, ODORLESS

## QUANTITY REQUIRED OF OUR CELEBRATED LAWN DRESSING

Plot 20 feet by 25 feet, use 5 pounds .....	Price \$0 25
Plot 20 feet by 50 feet, use 10 pounds .....	Price \$0 45
Plot 25 feet by 100 feet, use 25 pounds .....	Price \$1 00
Plot 50 feet by 100 feet, use 50 pounds .....	Price \$1 75
Plot One-quarter acre, use 100 pounds .....	Price \$3 00



Lawns like this can be produced by sowing Muzzy's Lawn Grass Seed

## About Lawns and Lawn Grass Seed

### FORMATION OF LAWNS FROM SEED

There is nothing more attractive than a well kept lawn.

Many things are to be considered in connection with the making and proper care of lawns. A good lawn cannot be made in one season, success coming only through intelligent care for a period of years.

The ground should be thoroughly drained and well prepared. The soil ought not to be too rich, as a rapid growth is not wanted in the grassness of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled and cross-rolled in order to press the seed firmly into the soil, and ten days or so thereafter a light application of Muzzy's Lawn Fertilizer, mixed with an equal quantity of good loam or sand, will serve to stimulate the growth of the young grasses. The proper time to sow grass seed depends, of course, upon the latitude. In the central and eastern states from March 15 to the middle of May is the best time; but in favorable seasons the sowing may be done up to July 1. Seed may also be sown in the Fall, from the latter part of August to the end of September. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly-made lawns, it may not be generally known that many weed seeds actually lie dormant in the ground for six or seven years and will germinate and make their appearance when the soil is turned up. The annual wild grasses, such as crab grass or Summer grass, must be pulled up by the roots before they ripen their seed in the Fall.

**Rolling.**—As soon as the frost is out of the ground in the Spring, the land should be gone over with a heavy roller. Winter frosts loosen the soil, and rollings is necessary to compress it again. Roll frequently.

**Mowing.**—All turf-forming grasses are improved, both in vigor of root-growth and in fineness of texture, by frequent mowings. It is impossible to say just how often the grass should be mown, as that depends upon the rate at which it grows. Too close cutting should be guarded against, however, especially during the hot Summer months, when the roots require some top-growth to protect them from the burning sun. A good top growth is also necessary to protect the roots from severe Winter frosts.

It is a good plan to sow on good land, in any out-of-the-way place, strips for sod to be used for patching poor parts of the lawn, or for grass borders, etc. The best mixture of seed for this purpose is *Cynosurus cristatus* (Crested Dog's-tail). Kentucky Blue Grass and Fancy Red Top.

## MEADOW AND PASTURE MIXTURES

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate.

It is a well known fact that a heavier and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. Some sorts do best on high, dry soil, while others prefer plenty of moisture. Some mature so early and others so late that there is no time in the season when one sort or another is not at its best. Grass seed may be sown either early in spring or fall, from September to the middle of October in this latitude. Below we give mixtures that we are confident will give good results.

### MEADOW MIXTURE FOR ONE ACRE

#### No. 1. On Good Land, Neither Too Dry nor Too Wet

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre

#### No. 2. For High and Dry Land

Price \$6.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 3. On Wet Land

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

### PASTURE MIXTURE FOR ONE ACRE

#### No. 4. On Good Land, Neither Too Wet nor Too Dry.

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 5. On Dry Land

Price \$4.25 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 6. On Wet Land

Price \$4.75 per bushel of 20 lbs. Sow 2 bushels to the acre.

### CLOVERS

(Subject to Variation in Price).

Red Clover. Medium ( <i>Trifolium pratense</i> ). Price variable, 60 lbs. to bushel.	} Market Price.
Red Clover, Large or Pea Vine. Price variable .....	
White Clover. ( <i>Trifolium repens</i> ) .....	
Alfalfa or Lucerne. Requires a deep rich soil, and in such will produce several crops every season. Fifteen pounds to the acre .....	
Alsike or Swedish ( <i>Trifolium hybridum</i> ). Ten pounds to the acre .....	
Crimson or Italian ( <i>Trifolium incarnatum</i> ), sown in Autumn, it furnishes an early fodder and is excellent for soiling. Twenty pounds to the acre. Price variable .....	
Bokhara Clover ( <i>Melilotus alba</i> ), affords excellent feed for bees; it is valuable soiling plant; lasts two years. Ten pounds to the acre ..	} Market Price.
Yellow Trefoil ( <i>Medicago lupina</i> ) Hop clover. Fifteen pounds to the acre .....	

## GRASS SEEDS

These Prices are Subject to Variation.

	Per 10 lbs.	Per lb.
Blue Grass Kentucky ( <i>Poa pratensis</i> ), extra clean; does well on light dry soils; recommended for permanent pasture; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older; valuable in mixtures for lawn. 14 lb bushel ...	\$2.75	\$0 30
Creeping Bent Grass, Florin ( <i>Agrotis stolonifera</i> ), used for lawns, well adapted to most places.....	Prices on Application if practicable.	
Crested Dogtail ( <i>Cynosurus cristatus</i> ), good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns, 25 lbs. to the acre .....	3.50	40

## GRASS SEED—Continued

	Per 10 lbs.	1 lb.
<b>Hard Fescue</b> ( <i>Festuca duriuscula</i> ), admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre .....	Prices on application if practicable.	
<b>Meadow Fescue</b> ( <i>Festuca pratensis</i> ), this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre .....	\$2 50	\$0 30
<b>Sheep's Fescue</b> ( <i>Festuca ovina</i> ), does well in high, dry and open pastures, is of short, dense growth, and valuable in lawn mixtures. 30 lbs to the acre.	Prices on application if practicable.	
<b>Meadow Foxtail</b> ( <i>Alopecurus pratensis</i> ), regarded as one of the most desirable grasses for permanent pasture, being early and rapid growth. 25 lbs. to the acre .....	\$7 00	\$0 75
<b>Meadow Soft Grass</b> ( <i>Holcus lanatus</i> ), will grow with little or no care in any soil; it is chiefly cultivated where the better grass will not grow. 3 bu. to the acre; 7 lbs. to bushel .....	Prices on application if practicable.	
<b>Orchard Grass</b> ( <i>Dactylis glomerata</i> ), is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other. 3 bu. to the acre. 14 lb. bu. ....	\$3 50	\$0 40
<b>Red Top Grass</b> ( <i>Agrostis vulgaris</i> ), good permanent grass, excellent for lawns, pastures, etc., and sowing with Timothy and Red Clover for cutting for hay. Sack 50 lbs., \$4.00; per bushel of 14 lbs., \$1.50 .....		
<b>Fancy Red Top Grass</b> , cleaned like Timothy; free from chaff .....	2 00	25
<b>Rhode Island Bent Grass</b> ( <i>Agrostis canina</i> ), best of all grasses for lawn where only one variety is used .....	5 50	60
<b>Rye Grass English</b> ( <i>Lolium perenne</i> ). Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive, but contains less nutrition than Orchard Grass .....	1 40	20
<b>Rye Grass Italian</b> ( <i>Lolium Italicum</i> ). This ripens much sooner than the English Rye Grass, and is greatly preferred by cattle, and greedily eaten by them, either in a green or dry state .....	1 50	20
<b>Sweet Vernal Grass</b> ( <i>Anthoxanthum odoratum</i> ), is not valuable when sown alone, but when sown with other grasses, it becomes so because of its early growth. It also yields a delightful odor when cured for hay. 10 lbs. to the acre, mixed with other grass annuals .....	8 00	90
<b>Tall Meadow Oat Grass</b> ( <i>Avena Elatior</i> ). As a crop to cut for hay, this is very desirable because of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop. It has been lately in demand and is much valued in the South.....	3 00	35
<b>Timothy, Herd's Grass</b> ( <i>Phleum pratense</i> ). As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils, and is not suited to light or sandy soils, although on such it can with care, be made to produce fair crops. Price according to market, 45 lbs. to bu....	Market Price	
<b>Rough Stalked Meadow Grass</b> ( <i>Poa trivallis</i> ), produces a constant supply of highly nutritious herbage, particularly on dry soils; one of the most valuable for laying down pastures and meadows on soils either moist or moderately dry. 14 lbs. to the bushel; 20 lbs. to the acre .....	\$6 50	\$0 70
<b>Wood Meadow Grass</b> ( <i>Poa nemoralis</i> ). This grass grows well both on shady and exposed situations. 30 lbs. to the acre .....	Prices on application if practicable.	
<b>Yellow Oat Grass</b> ( <i>Avena flavescens</i> ), good for dry pastures and meadows. Is much relished by sheep .....		\$0 90
<b>Golden or German Millet</b> . This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured; gives general satisfaction. Three pecks to the acre. Per bushel of 48 lbs .....	Market Price	
<b>Hungarian Grass</b> . A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three to the acre. Per bushel of 48 lbs .....	Market Price	

## GRAINS

All grains are selected expressly for seed, and are strictly pure and true to name.

Sold at Market Prices.

### SPRING WHEAT, 60 lb. Bushel

**Saschatewan Fife** .....

**China Spring.** Chaff bearded variety, and a general favorite.

**Mediterranean Spring** This variety has been grown with great success for a number of years in some sections of New England, and is very highly recommended, is bearded, yields well and the kernels are larger than those of other Spring varieties.

**White Russian.** This variety, recently introduced, has proved very valuable in many localities in the Northwestern States. Straw of good length, strong, does not lodge. It is not inclined to rust. Heads of large size and well filled with plump kernels weighing 60 to 63 lbs. to the bushel. Has produced 40 to 50 bushels to the acre.

### WINTER WHEAT, 60 lb. Bushel.

**Jones' Winter Five.** Surpassing all other varieties in hardiness and productiveness.

**Golden Cross.** Has the yield of the Clawson, with flower of the Mediterranean.

**Clawson.** Also known as the Seneca. This is a beardless white wheat with red chaff. It proves early and hardy, has a stiff straw, yields larger crops than any other.

**Fultz.** A beardless amber variety, grown largely in some sections of Pennsylvania and with very satisfactory results. It is very hardy and productive, and the straw is of medium length and very strong; makes excellent flour.

**Red Mediterranean.** (American). This is the imported variety fully acclimated and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities and ripens early.

### OATS, 32 lb. bushel.

**SWEDISH or WASHINGTON.** Very popular and standing well until fully ripe.

**Probsteier.** Very productive and heavy. The straw is very strong: No. 32.

**Scotch.** One of the leading varieties.

**Welcome.**

### RYE 56 lb. Bushel. Spring and Winter Rye

#### SPRING BARLEY, 48 lb. Bushel

**Vermont Champion** (two rowed).

#### BUCKWHEAT, 48 lb. Bushel.

**Silver Hull.** This variety is a great improvement on the common Buckwheat. Sown at the same time it will continue to bloom longer, matures a few days sooner, and yields nearly or quite double under the same conditions.

#### JAPANESE BUCKWHEAT

Yields twice or three times as much as Silver Hull and ripens a week earlier.

## MISCELLANEOUS SEEDS, ETC.

**Cow Peas.** For Fodder  
**Kaffir Corn or Sorghum.**

**Canada Field Peas**

**Winter Vetches**

**Spring Vetches**

**Flax.** Very Clean.

**Soja Beans.**

**Essex Rape.**

Per qt. 20c; bu. \$4.00

Per lb. 15c; 100 lb. \$6.00

Market Price

Market Price

Market Price

Market Price

Per qt., 20c; bu. \$4.50

Lb. 20c; 100 lbs. \$12.00



## MISCELLANEOUS SEEDS, ETC.—Continued.

Canary, Best Sicily ( <i>Pharlaris canariensis</i> )	Per lb.,	12
Hemp ( <i>Cannabis sativa</i> )	Per lb.,	12
Maw ( <i>Papaver Rhoeas</i> )	Per lb.,	15
Lettuce Seed	Per lb.,	25
Millet ( <i>Panicum miliacedum</i> )	Per lb.,	12
Rape ( <i>Brassica napus</i> )	Per lb.,	12
Mixed Bird Seed	Per lb.,	12
Sunflower, Large Russia	Per bushel, 28 lbs., \$3.25, per qt.	10
Gravel for Cages	Per box, 5c.	
Cuttle Fish Bone	Each, 2c and 3c	

Asparagus Roots, Conover's Colossal and Palmetto (2 years old) ... Per 100, 80c; per 1,000, \$6.00  
 Rhubarb Roots ..... 10c each. Horse Radish Roots ..... Per 100, 75c; per dozen, 20  
 Strawberry Plants, Currant Bushes, Blackberry Bushes, Raspberry Bushes, Grape Vines and  
 Gooseberry Bushes ..... Prices on Application

## QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus	1 oz. to 60 ft. drill	Pole Beans	1 qt. to 150 hills
Beet	1 oz. to 50 ft. drill	Corn	1 qt. to 200 hills
Carrot	1 oz. to 150 ft. drill	Cucumber	1 oz. to 50 hills
Endive	1 oz. to 150 ft. drill	Water Melon	1 oz. to 30 hills
Okra	1 oz. to 40 ft. drill	Musk Melon	1 oz. to 60 hills
Onion	1 oz. to 100 ft. drill	Pumpkin	1 oz. to 40 hills
Onion Sets, small	1 qt. to 20 ft. drill	Early Squash	1 oz. to 50 hills
Parsley	1 oz. to 150 ft. drill	Marrow Squash	1 oz. to 16 hills
Parsnip	1 oz. to 200 ft. drill	Cabbage	1 oz. to 3,000 plants
Radish	1 oz. to 100 ft. drill	Cauliflower	1 oz. to 3,000 plants
Salsify	1 oz. to 70 ft. drill	Celery	1 oz. to 4,000 plants
Spinach	1 oz. to 100 ft. drill	Egg Plant	1 oz. to 2,000 plants
Turnip	1 oz. to 150 ft. drill	Lettuce	1 oz. to 4,000 plants
Peas	1 qt. to 100 ft. drill	Pepper	1 oz. to 2,000 plants
Dwarf Peas	1 qt. to 100 ft. drill	Tomato	1 oz. to 2,000 plants

## QUANTITY OF SEEDS AND PLANTS REQUISITE TO CROP AN ACRE OF LAND

Artichokes, Jerusalem	3 bu.	Kale, German Greens	3 lbs.
Asparagus, in 12-inch drills	25 lbs.	Lettuce, in rows; 2½ feet	3 lbs.
plants, 4x1¼ feet	8,000	Leek, in rows; 2½ feet	3 lbs.
Barclay, broadcast	2½ bu.	Melon, Water in hills; 8x8 feet	3 lbs.
Beans, dwarf, in drills; 2½ feet	2½ bu.	Citron, in hills; 4x4 feet	2 lbs.
Lima, in drills; 4x4 feet	20 qts.	Millet, Pearl, in drills	5 lbs.
Pole, in hills, 4x3 feet	10 qts.	Golden, broadcast	¾ bu.
Beets, in drills, 2½ feet	6 to 8 lbs.	Mustard, broadcast	12 to 16 qts.
Broom Corn, in hills	4 to 6 qts.	Oats, broadcast	2 to 3 bu.
Buckwheat broadcast	1 bu.	Onion, in drills	5 lbs.
Cabbage, sown in frames	6 oz.	In beds for sets	5 lbs.
Sown in outdoor beds for trans- planting	10 oz.	Parsnips, in drills; 2½ feet	5 lbs.
Carrot, in drills; 2½ feet	3 lbs.	Peas Early, in drills	1½ bu.
Celery Seed	8 oz.	Marrowfat, in drills	1¼ bu.
Plants, 4x½ feet	25,000	Broadcast	3 bu.
Chufas, in drills, 2½ feet	½ bu.	Potato, cut tubers; in drills	8 to 10 bu.
Clover, Alsike	5 lbs.	Radish, in drills, 2 feet	8 lbs.
Red, alone	15 lbs.	Broadcast	12 lbs.
White, alone	12 lbs.	Pepper Plants, 2½x1 foot	17,500
White, with other Seeds	4 lbs.	Pumpkin, in hills; 8x8 feet	2 qts.
Lucerne or Alfalfa	15 lbs.	Parsley, in drills; 2 feet	4 lbs.
Corn, Sweet	8 to 10 qts.	Rye, broadcast	1½ to 2 bu.
Field	7 to 9 qts.	Salsify, in drills, 2½ feet	10 lbs.
For fodder	3 bu.	Sorghum, in drills	10 to 12 lbs.
Corn Salad, in drills; 10 inches	25 lbs.	Spinach, in drills	10 lbs.
Cucumber, in hills	1½ lbs.	Broadcast	30 lbs.
Egg Plants; plants 3x2 feet	4 oz.	Turnips, in drills; 2 feet	1½ lbs.
Endive, in drills, 2½ feet	3 lbs.	Broadcast	2 to 3 lbs.
Grass, Hungarian	¾ bu.	Tomatoes, in frame	4 oz.
Lawn	3 to 4 bu.	Plants	3,800
Orchard	2 to 3 bu.	Wheat, broadcast	2 bu.
Rye	2 bu.	In drills	1¼ bu.
Kentucky Blue	3 bu.	Clover, ) together ( 10 lbs. Clover	
Timothy	¼ bu.	Timothy, ) for ( ¼ bu. Timothy	
Red Top	3 bu.	Red Top, ) one acre ( 1 bu. Red Top	

## HIGH GRADE FERTILIZERS

### MUZZY BROS.' SWIFT "SURE" PHOSPHATE

FOR GENERAL CROPS, BEST FERTILIZER EVER MANUFACTURED

Stands ahead of anything in the market in Analysis, selling Price and Results. The Great Satisfaction this Fertilizer has given our customers, being so universal, enables us to recommend it as the Leading Artificial Manure in the Market.

#### GUARANTEED ANALYSIS

Ammonia.....4 per cent. Ton (12 bags) \$38.00; per bag (167 lbs.) \$3.50  
Available Phos. Acid.....9 per cent.

### MUZZY BROS.' SPECIAL FERTILIZER

We recommend this fertilizer for a general line of looks, and consequently the trucker and market gardener is interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that from first class material, like our special Fertilizer, the purchaser will get the best results.

Equal to Ammonia.....2 per cent.  
Available Phos. Acid.....8 per cent. Ton (12 bags) \$30.00; per bag (167 lbs.) \$3.00

### FINE GROUND BONE for Lawns

AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODORLESS  
GUARANTEED ANALYSIS

4 to 5 per cent. Ammonia.	45 per cent. Bone Phosphate of Lime.	
5-pound bag for space 20x 25 feet.....		\$0 25
10-pound bag for space 20x 50 feet.....		45
25-pound bag for space 25x100 feet.....		1 00
50-pound bag for space 50x100 feet.....		1 75
100-pound bag for space ¼ acre.....		3 00

### PURE PULVERIZED SHEEP MANURE

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil of the greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

Quantity Required. For garden and field crops. 1 to 2 tons per acre—half before plowing, the balance before harrowing. For top dressing grass; use 1 ton per acre in fall or early spring.

Price, 100 lb. bag, \$2.00; per ton of 2,000 lbs. \$35.00; in packages of 2 lbs. 15c; 10 lbs. 40c.

### HUMUS.

Decayed vegetable matter for lawn, Rhododendron, bulbs, flowers, etc. Good top dressing for the spring. Plain, \$15.00 ton. \$1.00 100 lbs. Prepared.

### NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground when 100 pounds per acre should be sown, mixed with wood ashes. Does not exhaust the land.

5 lbs. 50c; 10 lbs. 80c; 25 lbs. \$2.00; 50 lbs. \$3.50. Bags trifle over 200 lbs. Market Price.

### MURIATE OF POTASH

50 per cent. Actual Potash.

One of the Best Fertilizers for Grass, Wheat, Rye, Oats, Barley, etc. Used with Nitrate of Soda Ground Bone, Acid Phosphate would furnish sufficient available for an increase in yield by 50 per cent. Out of the Market.

**HIGH GRADE FERTILIZERS—Continued.****ACID PHOSPHATE**

14 to 16 per cent. Available Phosphoric Acid.

This is one of our Fertilizers which is used in the largest quantity in most of our mixtures as a base. Price, \$1.50 for 100 lbs. \$3.00 Bag of 200 lbs.

**Hydrated Lime and Pulverized Limestone**

These are high calcium limes and are adapted for use on all soils that require sweetening. Most lawns and gardens require an application of lime in some form.

The Hydrated Lime is best adapted to all garden crops.

The Ground Limestone is recommended for top dressing lawns and for all farm crops.

Leguminous crops such as Alfalfa, Clover, Peas and beans in particular require applications of lime.

Hydrated Lime packed in 125 lb. bags, \$1.25; \$15.00 ton.

Ground Limestone packed in 100 lb. sacks, price \$1.00; \$12.00 ton.

**GENERAL LIST OF FLOWER SEEDS****HARDY ANNUALS**

Successive sowing may be made from March to the end of September; March, April and May are the best months for general summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

Sow thinly; cover with a very thin coat of fine dry earth the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned sufficiently to prevent overcrowding, which weakens them and produces poor blooms.

**HALF HARDY AND TENDER ANNUALS.**

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Aster, Balsam, Ten-Weeks' Stacks, Phlox, Drummondii and Double Zinnia, which in form, size and brilliancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose watering pot.

Separate the plants when large enough to handle, and firmly plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.

**HARDY BIENNIALS AND PERENNIALS.**

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants; their variety is almost endless, producing almost every form of flower and shade of color.

The seed may be sown from May to October, but the best time is May and June. Select for sowing a shady, moist situation, and in order to secure the strong plants, sow thinly, and as soon as large enough transplant in showery weather to nursery beds, and finally plant out in October and November; those sown in Autumn are best planted out in March or April, when intended to flower. Many Perennials, is sown early and treated as Annuals will flower the first season. The Pansy, Petunia, China Pink, and its several splendid varieties, and many others, do better as Annuals than Perennials.

Half Hardy Biennials and Perennials may be raised and treated in the same way as recommended for Half Hardy Annuals.

## GENERAL LIST OF FLOWER SEEDS Continued

- A. Annuals, refers to those plants that last but one season, and must be raised annually.
- B. Biennial, raised one year, bloom and die the next.
- P. Perennial, last two or more seasons.
- h. Hardy, are those that may be grown at all seasons in open air, without protection.
- hh. Half hardy, require the protection of a frame pit, or handlight till May, when they may be transferred to the open garden.
- t. Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September.
- cl. Climbing; as Cypress Vine, Morning Glory, etc.
- spr. Spreading or trailing as Verbena.
- g. Greenhouse, those plants which require to be grown under glass.
- s. Shrubs, plants of a shrubbery or bushy habit.

Those Biennials and Perennials marked with a (\*) will bloom the first year if sown early.

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Abrobra viridiflora .....	hhA	spr.	pink	5	Beans pretty scarlet fruits.
Abronia umbellata .....	hhB	2	white	5	Pretty Verbena-like annuals.
Abronia grandiflora .....	TP		various	10	Beautiful bell-shaped flowers.
Abutilon mixed .....	hhP	3-5	yellow	5	Good for greenhouse or potculture.
Acacia mixed .....		6	mixed	5	Tassel Tree greenhouse shrubs yellow color.
Achimenes choice mixed .....	gP	1	various	25	Beautiful tuber-rooted plants.
Ageratum Mexicanum .....	hhA	1/2	blue	5	Valuable bedding plants of dwarf habit, very free bloomer.
Ageratum Imperial dwarf .....	hhA	1	rose	5	
Ageratum Lasseauxii .....	hA	1/2	white	5	Sweet Alyssum, a well known fragrant flower.
Alyssum sweet .....	oz. 30c		yellow	5	
Alyssum Saxatile .....	hhA	4	var. col.	5	Fine plants for decorating purposes for conservatory and flower garden. Amar, tricolor known as Joseph's coat.
Amaranthus .....	hhA	2	red	5	
Andatus Love lies bleeding oz 25c	hhA	3	red	5	
Amaranthus bicolor ruber .....	hhA	spr.	scarlet	10	
Amaranthus salicifolius .....	hhA	1	var. col.	5	
Joseph's Coat .....	oz. 25c	hP	purple	5	Excellent for bouquets.
Anchusa angustifolia .....	gP	2	vio. blue	10	Beautiful ornamental plants.
*Angelonia grandifolia .....	gP	2	various	25	The Antirrhinum or snapdragon, a very useful and showy plant.
*Antirrhinum majus, choice mix	hP	1	various	5	
*Antirrhinum Tom Thumb .....	hP	2	yellow	5	Columbines, handsome free flowering border plants, perfectly hardy.
Aquilegia chrysantha .....	hP	2	sky blue	25	
Aquilegia coerulea .....	hP	2	various	15	
Aquilegia choice mixed double .....	hP	1/2	white	5	Rock on bordering, early flowering.
Arabis Alpina .....	hP	3	red frt.	10	Beautiful scarlet berries.
Ardisia crenulata .....	gS	30	yel. br.	25	Dutchman's Pipe.
Asperula azurea setosa .....	hhA	1	blue	5	Pretty, sweet scented free-bloomers.
Asperula odorata (woodruff) .....	hP	2-3	white	10	
Aster Queen of market, mixed .....	hhA	2	mixed	5	One of the most popular favorites, producing flowers of the most perfect and beautiful form, as well as richness and variety of color. They delight in a rich, light soil, and in hot dry weather should be mulched with well rotted manure, and supplied liberally with water.
Aster Queen of market, rose .....	hhA	2	rose	5	
Aster Queen of market, white .....	hhA	2	white	5	
Aster Queen of market, lavender .....	hhA	1	lavendar	5	
Aster Queen of market, blue .....			blue	5	
Aster Comet, finest mixed .....			mixed	5	
Aster Chrysanthemum flowered .....					
Aster finest mixed .....	hhA	1/2	mixed	5	
Aster Ostrich feather .....					
Aster Mixed .....	oz. 75c	1 1/2	mixed	5	
Auricula, finest mixed .....	hhP	3/4	mixed	25	Charming Spring pot plant.
Azalea indica mixed .....	gS	4	mixed	25	Beautiful flowering shrubs.
Balloon Vine .....	oz. 25c	10	wh. g'rr	5	Rapid growing climber.
Balsam mixed double .....	hhA	2	various	5	

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Balsam Camelia- flowered mixed Balsam ..... oz. 75c	hhA	2	various	5	Balsam or Ladies Slipper. One of the finest of summer blooming annuals; also excellent for pot culture.
Balsam Apple .....	hhA	10	yellow	5	Interesting climber, with remarkable fruits.
Balsam Pear .....	hhA	10	yellow	5	Beautiful new hybrids.
Begonia new hybrids .....	gS	2	various	25	Fine for specimens or groups.
Bocconia Japonica .....	hP	4	white	10	Striking plants for greenhouse or outdoor cultivation.
Browallia elata .....	gA	1½	blue	10	Unsurpassed for richness of coloring and beauty of shape.
Browallia alata alba .....	gA	1½	white	10	
Calceolaria hybrids .....	gB	2	various	25	
Calceolaria rugosa .....	gB	2	various	25	
Calendula Meteor .....	hA	1-3	striped	5	
Calendula Pongei fl. pl. ....	hA	1½	white	5	C. Carpaticea, fine for edgings.
Campanula Carpaticea .....	hP	1	blue	5	C. pyramidalis, very handsome in pots.
Campanula alba .....	hP	1	white	5	A charming climber.
Campanula pyramidalis .....	hhP	4	blue	5	
Canary Bird flower .....	hhA	10	yellow	10	
Candytuft crimson .....oz. 40c	hA	1	crimson	5	Beautiful and useful hardy annuals, very effective in beds, groups or ribbon borders; also for pot culture.
Candytuft white .....oz. 40c	hA	1	white	5	
Candytuft mixed .....oz. 20c	hA	1	various	5	
Candytuft rose .....oz. 40c	hA	1	rose	5	
Candytuft new carmine .....oz. 40c	hA	1	carmine	5	
Candytuft Tom Thumb .....oz. 40c	hA	½	white	5	
*Canna gigantea .....	gP	8	red	10	These stately plants are remarkable for their large and handsome foliage, producing a most luxuriant and tropical appearance.
*Canna Marshall Vaillant .....	gP	4-5	orange	10	
*Canna Fintelmannii .....	gP	5	yellow	10	
*Canna Nigrians .....	gP	3	red	10	
*Canna Bihorrelli .....	gP	3	scarlet	10	
*Canna mixed var .....oz. 50c	gP	3-6	various	5	
*Canterbury Bells, blue .....	hP	3	blue	5	Handsome old-fashioned plants for mixed borders.
*Canterbury Bells, white .....	hP	3	white	5	
*Canterbury Bells, mixed .....	hP	3	mixed	5	Ornamental Thistle.
Carduus benedictus .....	hA	3	white	5	The Carnation Pink is indispensable for its rich flavors and delicious perfume.
Carnation finest double .....	hP	2	various	5	Handsome silver foliage plants for bedding out of the greenhouse.
Carnation mixed for borders .....	hp		various	5	Handsome silver foliage plants for bedding out of the greenhouse.
Carnation perpetual or tree .....	hP	2	various	50	Handsome silver foliage plants for bedding out of the greenhouse.
Centaurea candidissima 1,000 \$2	hhP	1	wh. fol.	10	Handsome silver foliage plants for bedding out of the greenhouse.
Centaurea Clemenței .....	hhP	1	wh. fol.	10	Handsome silver foliage plants for bedding out of the greenhouse.
Centaurea gymnocarpa ½ oz. \$2	hhP	1	wh. fol.	10	Handsome silver foliage plants for bedding out of the greenhouse.
Chrysanthemum annual mixed .....	hA	2	various	5	Handsome silver foliage plants for bedding out of the greenhouse.
Chrysanthemum double white .....	hA	1	white	5	Handsome silver foliage plants for bedding out of the greenhouse.
Chrysanthemum double golden .....	hA	1	orange	15	Handsome silver foliage plants for bedding out of the greenhouse.
Chrysanthemum indicum fl. pl. ....	hA	1	various	10	Handsome silver foliage plants for bedding out of the greenhouse.
Chrysanthemum Burridgei imp. ....	hP	3	various	10	Handsome silver foliage plants for bedding out of the greenhouse.
Chrysanthemum pompon fl. pl. ....	hP	2	various	10	Handsome silver foliage plants for bedding out of the greenhouse.
Cineraria hybridia choicest m'x'd	gP	1½	various	5	Handsome silver foliage plants for bedding out of the greenhouse.
Cineraria hybridia dwarf mixed .....	gP	¾	various	25	Handsome silver foliage plants for bedding out of the greenhouse.
Cineraria hybridia double new .....	gP	1¼	various	60	Handsome silver foliage plants for bedding out of the greenhouse.
Cineraria maritami .....	hA	1½	yellow	5	Handsome silver foliage plants for bedding out of the greenhouse.
Clarkia puchella .....	hA	1	pink	5	Handsome silver foliage plants for bedding out of the greenhouse.
Clarkia mixed varieties .....	hA	1	various	5	Handsome silver foliage plants for bedding out of the greenhouse.
*Clanthus Dampieri .....	gS	4	scarlet	15	Handsome silver foliage plants for bedding out of the greenhouse.
Cobaet scandens .....	hhP	20	purple	5	Handsome silver foliage plants for bedding out of the greenhouse.
Coxcomb dwarf, crimson .....	hhA	1	crimson	10	Handsome silver foliage plants for bedding out of the greenhouse.
Coxcomb Glasgow Prize .....	hhA	¾	purple	10	Handsome silver foliage plants for bedding out of the greenhouse.
Coxcomb New Empress .....	hhA	1	crimson	10	Handsome silver foliage plants for bedding out of the greenhouse.
Coxcomb New Japan .....	hhA	3	scarlet	10	Handsome silver foliage plants for bedding out of the greenhouse.
Coxcomb feathered, mixed .....	hhA	3	various	5	Handsome silver foliage plants for bedding out of the greenhouse.
Coleus from newest varieties .....	tP	2	var. col.	5	Handsome silver foliage plants for bedding out of the greenhouse.

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Collinsia bicolor .....	hA	1	pur. wh.	5	Attractive annuals; if sown in
Collinsia mixed varieties .....	hA	1	various	5	Fall will flower early in Spring.
Convolvulus major .....oz. 15c	hA	10	various	5	C Major (Morning Glory) is one
Convolvulus minor .....oz. 30c	hA	1	various	5	of the best known climbers.
Convolvulus Mauritanicus .....	hhP	spr.	lavendar	10	
Cowslip English .....	hP	$\frac{3}{4}$	mixed	5	Favorite Spring flower.
Cyclamen Persicum .....	hhP	$\frac{1}{2}$	mixed	10	
Cyclamen extra choice .....	hhP	$\frac{1}{2}$	mixed	25	Beautiful sweet scented green-
Cyclamen giganteum .....	hhP	$\frac{1}{2}$	mixed	25	house plants.
Cypress Vine Scarlet .....oz. 50c	tA	10	scarlet	5	
Cypress scarlet ivy leaved oz. 50c				10	
Cypress white .....oz. 50c	tA	10	white	5	Well known beautiful climbers.
Cypress mixed .....oz. 50c	tA	10	div.	5	
Dahlia finest double .....	hhA	6	various	5	
Dahlia Lilliputian varieties .....	hhA	4	various	25	Stately autumn flowering plants.
Dahlia single mixed .....	hhP	3	various	5	
Daisy double .....	hP	$\frac{1}{4}$	various	5	Finest mixed.
Datura chloranta, double .....	hhA	3	yellow	5	Very showy trumpet shaped
Datura meteloides .....	hhA	3	w. & b.	5	flowers.
Delphinium formosum .....	hP	2	blue	5	
Delphinium nudicaule .....	hP	1	scarlet	10	Splendid plants for large borders.
Devil-in-a-bush .....	hA	$\frac{1}{2}$	b. & w.	5	Curious and pretty.
*Dianthus Chenensis, double, oz. 75c	hP	1	mixed	5	Fine variety of China Pink;
*Dianthus Heddewigii .....	hP	1	mixed	10	should be in every garden.
*Dianthus diadematus, double .....	hP	1	mixed	10	
Dolichos lablab .....oz. 20c	tA	10	purple	5	Hyacinth Bean; free growing
Dolichos lablab albo .....		10	white	5	climber.
Erythrina crista galli .....	gS	4	scarlet	10	Coral plants with handsome spike
					of blossoms.
Epacris finest mixed .....	gS	2-3	scarlet	50	Fine greenhouse plants.
Erica finest mixed .....	gS	1-2	various	25	Cape Heaths.
Eryngium Leavenworth .....	hA	2	purple	5	Beautiful and curious plant.
Eschscholtzia California .....	hA	1	yellow	5	
Eschscholtzia Mandarinen .....	hA	1	crimson	10	Useful bright looking plants.
Everlasting flowers .....	hA	2	various	5	For Winter bouquets.
Ferns mixed varieties .....	gP	2-3	foliage	25	Beautiful foliage.
For-get-me-not .....	hP			5	See Myosotis.
Foxglove (Digitalis) .....	hP	3	various	5	Showy mixed varieties.
*Four-o'clock (Mirabilis) oz. 30c	hA	2	various	5	Well-known useful plants.
Fuchsia .....	gS	3-6	various	25	Beautiful greenhouse plants.
*Gaillardia mixed .....	hA	2	various	5	Beautiful for border or pots.
Geranium zonale, mixed .....	gP	1 $\frac{1}{2}$	various	10	
Geranium Apple scented .....	gP	1	pink	25	Finest mixed varieties.
Geranium Pelargonium, mixed .....	gP	1 $\frac{1}{2}$	various	50	
*Gesneria finest mixed .....	gP	1	various	25	Splendid hothouse plants.
Glaucium corniculatum .....	hP	2	yellow	5	A fine ornamental plant.
Gloxinia finest mixed .....	hP	$\frac{1}{2}$	various	50	Charming house plant.
Godetia Whitney .....	hA	1 $\frac{1}{2}$	rose	5	Brilliant, profuse flowering hardy
Godetia Lady Albemarle .....	hA	1 $\frac{1}{2}$	crimson	10	annuals.
Golden Feather .....					See Pyrethrum aureum.
Gourd Apple .....	tA	10	yellow	5	
Gourd Bottle .....	tA	10	yellow	5	
Gourd Dipper .....	tA	10	yellow	5	Mock orange; excellent rapid
Gourd Hercules Club .....	tA	10	yellow	5	growing climbers, with peculiar
Gourd Miniature .....	tA	10	yellow	5	and handsome fruits.
Gourd Sugar Trough .....	tA	10	yellow	5	
Gourd mixed .....	tA	10	yellow	5	
Helichrysum Bacteatum Immor-	hA	2		5	For winter bouquets.
telle mixed .....	gP	1	various	5	Well known, fragrant plants.
Heliotrope mixed varieties .....	hB	6		5	
*Hollyhock double mixed oz. 50c..					

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Hollyhock finest mixed oz. 50c....	hB	6		5	Sow in June or July for flower- ing the next Summer.
Hollyhock pure white .....	hB			10	Curious and pretty.
Ice Plant .....	hhA	spr.	white	5	
Ipomoea coccinea .....	hhA	10	scarlet	5	
Ipomoea Bona Nox .....		10	white	10	
Ipomoea variegata .....		10	marbled	5	Very beautiful free flowering climbing vines for outdoor or greenhouse culture.
Ipomoea leptophylla .....	hP	5	various	10	
Ipomoea Quamoclit .....	tA	10	purple	5	
Ipomoea Quamoclit alba .....	tA	10	scarlet	5	
Japanese Morning Glory .....	A	15	varieg'd	5	The popular Cypress Vine.
Lantana mixed varieties .....	gS	3	various	5	Good for pot or outdoor culture.
Larkspur Dwarf Rocket oz. 40c....	hA	1	various	5	
Larkspur Branching .....	hA	2	various	5	Fine free flowering plant of va- rious beautiful colors.
Larkspur Emperor .....	hA	1½	various	10	
Leptosiphon roseus .....	hA	½	rose	5	Extremely pretty dwarf free flowering plants.
Leptosiphon densiflorus albus .....	hA	½	white	5	
Liatris pycnostachya .....	hP	4	pink	15	Kansas Gay Feather.
Linum grandiflorum; scarlet .....	hhA	3	scarlet	5	Scarlet Flax, very brilliant.
Linum flavum .....		1	yellow	5	
Lobelia gracilis .....	tA	spr.	blue	10	A charming class of dwarf grow- ing plants for ribbon borders,
Lobelia Paxtoniana .....	tA	¾	b. & w.	10	hanging baskets, rock work,
Lobelia speciosa .....	tA	½	blue	10	etc.
Lobelia mixed varieties .....	tA	½		5	
Lophospermum scandens .....	tA	10	rose	10	Climber trumpet shaped flower,
Love Lies-Bleeding .....	tA	10	crimson	5	Showy border annual.
Lovein a Mist .....			blue	5	Curious and pretty.
Lupinus Cruikshanksii .....	hA	1	b. w. y.	5	Among the handsomest easily grown garden annuals. To
Lupinus hybridus insignas .....	hA	3	d. red	5	produce fine plants, start on
Lupinus subcarnosus .....	hA	3	r. p. b.	5	heat, plant separately in pots
Lupinus polyphyllus .....	hA	1½	blue	5	and turn out into rich soil.
Lupinus mixed annual .....	hA	3	various	5	
Marigold African .....	hA	3	mixed	5	Fine class of plants for mixed beds or borders.
Marigold French Dwarf .....	hA	2	mixed	5	Four O'clock.
*Marvel of Peru .....	hA	1	mixed	5	
Maurandya alba .....	hA	2	mixed	10	One of the most interesting and useful of climbing plants.
Maurandya Barclayana .....	gP	10	purple	10	
Maurandya mixed .....	gP	10	various	10	
Mignonette l'ge flowered .....	gP	10	buff	5	
Mignonette pyramidal " oz. 40c....	hA	1	buff	5	The new Giant Pyramidal Mile's Spiral. The Prize and new
Mignonette New Giant pyr'al oz. 50c. ....	hA	1½	buff	5	Dwarf compact are varieties of recent introduction producing
Mignonette Miles' Spiral .....	hA	1	buff	10	splendid spikes of deliciously fragrant bloom.
Mignonette The Price .....	hA	1	buff	10	
Mignonette New Dwarf Co'p't .....	hA	1	buff	10	
Mignonette Bird's I'p'rd. oz 50c. ....	hA	1½	yellow	10	
Mignonette Golden Queen .....	hA	1	yellow	10	
Mimosa Pulica Sensitive plant....				5	
Moon Vine .....	hA	20			The vines are covered with im- mense white flowers, 6 inches or more across.
*Mimulus hybridus .....	hhP	1	white	5	
* " moschatus (Musk Plant) .....	tA	½	various	5	Musk Plant.
Myosotis palustris .....	hP	1	yellow	5	
Myosotis palustris alba .....	hP	½	blue	5	M. moschatus is the well-known
Myosotis dissitiflora .....	hP	½	white	10	Forget-me-not. These beauti- ful little flowers succeed best
Myosotis alpestris .....	hP	1	dk. blue	15	in moist situations.
Nasturtium K'ng of Tom Thumbs .....	hA	1	blue	5	
Nasturtium Tom Thumb, yellow..	hA	1	scarlet	5	
Nasturtium Crystal Palace Gen....	hA	1	yellow	5	Plant of great beauty, blooming profusely in poor soil. The tall
Nasturtium King Theodore .....	hA	1	sul. spt.	5	varieties are excellent climbers for covering old walls, trellises,
Nasturtium Ruby King .....	hA	1	black	5	etc.
Empress of India .....	hA	1	carmine	5	
Golden Dream .....	hA	1	red	5	
Spencer David Burpee .....	hA	1	yellow	5	
Golden Rose Pink .....	hA	1	purple	5	
	hA	1	p. pink	5	

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Spotted King .....	hA	1	yellow	5	
Nasturtium Dwarf, mixed oz. 10c.....	hA	6	various	5	
Ivy Leaf Tall .....	hA	6	scarlet	5	
Queen Tall .....	hA	6	mixed	5	
Nasturtium Tall mixed ....oz. 10c.....	hA	6	various	5	
Nemophila insignis .....	hA	1	blue	5	Very pretty free blooming dwarf
Nemophila maculata .....	hA	1	spotted	5	annuals.
Nemophila mixed colors oz. 40c.....	hA	2	various	5	
Oenothera .....	hA	2	various	5	Evening Primrose.
*Pansy mixed colors ....oz. \$1.25.....	hA	1½	various	5	
*Pansy finest mixed ....oz. \$2.50.....	hA	1½	various	10	
*Pansy Elite Extra Large .....	hA	1½	various	10	Valuable early Spring blooming
*Pansy Emperor William .....	hA	1½	blue	15	plants. Bugnot's International
*Pansy White .....	hpA	1½	white	15	Pansy is a splendid new strain.
*Pansy King of the Blacks .....	hhP	10	black	15	
Passiflora coerulea .....	hP	2	various	5	Handsome flower spikes.
Penstemon mixed varieties .....	hhA	2	blue	10	Bronze flower foliage.
Perilla Nankinensis .....	hhA	2	purple	5	Passion flower.
*Petunia fine mixed ....oz. 75c.....	hhA	2	various	5	
*Petunia finest striped & blotched.....	hhA	2	various	25	Beautiful bedding or pot plants
*Petunia double .....	hhA	2	various	25	producing a great variety of
*Petunia new double tinged .....	hhA	2	various	50	charming colors and continu-
*Petunia Countess of Ellesmere.....	hhA	2	pr. & w.	5	ing in bloom all Summer.
*Petunia nyctaginiflora .....	hhA	2	white	5	
Phlox Drummondii alba .....	hhA	1	white	10	
Phlox Drummondii coccinea .....	hhA	1	scarlet	10	The P. Drummondii is one of our
Phlox Drummondii atropurpurea.....	hhA	1	d. purple	5	very best annuals, noted for
Phlox Drummondii Black Warrior.....	hhA	1	d. red	10	richness of color, profuseness
Phlox Drummondii Leopoldi .....	hhA	1	d. red	10	of blossom, and length of du-
Phlox Drummondii grandiflora spi.....	hhP	1	w. er	10	ration in bloom. No garden
Phlox Drummondii mixed oz. 75c.....	hhP	2	sc. & W.	5	should be without a bed of it.
Picotee fine mixed .....	hhP	2	various	50	
Picotee extra choice .....	hhP	2	various	50	Rich and beautiful colors.
*Pink Chinese, double ....oz. 75c.....	hB	1½	various	5	See Dianthus.
Polyanthus choice .....	hP		various	25	Lovely Spring flower.
Poppy finest mixed double .....	hA	1	various	5	Very beautiful hardy perennials.
Poppy Shirley .....	hA	1½	tinted	5	
Portulaca Bedmanii .....	hhA	1½	white	10	
Portulaca Pheasantii .....	hhA	1½	salmon	5	This popular annual is unrivaled
Portulaca golden striped .....	hhA	1½	striped	5	for brilliancy of color, and is
Portulaca splendent .....	hhA	1½	purple	5	of the easiest culture; the
Portulaca alba .....	hhA	1½	white	5	double varieties are especially
Portulaca Thellusoni .....	hhA	1½	scarlet	5	beautiful, resembling miniature
Portulaca Thorburnii .....	hhA	1½	yellow	5	roses in form.
Portulaca mixed single ....oz. 50c.....	hhA	1½	various	5	
Portulaca double finest .....	hhA	1½	various	5	
Primula Sinensis fringed, red ....gP		1½	red	25	
Primula Sinensis fringed, white.....gP		1½	white	25	Chinese Primrose; is an inval-
Primula Sinensis fringed striped.....gP		1½	striped	25	uable and very beautiful class
Primula Sinensis fringed mixed ....gP		1½	various	5	of Spring and Winter decora-
Primula Sinensis double white .....	gP	1½	white	50	tion of the greenhouse, conser-
Primula Sinensis double red .....	gP	1½	red	50	vatory or drawing room.
Primula Sinensis double mixed .....			mixed	50	
*Pyrethum careum .....	hA	1½	flesh	10	
*Pyrethum Golden Feather .....	hA	1½	yellow	10	The Insect powder Plant valuable
*Pyrethum Golden Gem .....	hA	1½	yellow	10	as bedding plants.
Rocket Sweet white .....	hA	2	white	5	
Rocket purple .....	hA	2	purple	5	Free flowering fragrant perennials.
Rocket mixed .....	hA	2	mixed	5	
Ricinus Borboniensis arboreus.....	hhA	15	violet	5	
Ricinus Duchess of Edinburgh .....	hhA	8	violet	5	Stately plants, with large, hand-
Ricinus Gibsoni .....	hhA	5	red fol.	5	some foliage; fine in groups or
Ricinus sanguineus .....	hhA	8	red fol.	5	as single specimens.
Ricinus mixed varieties, oz. 30c.....	hA		various	5	
Salpiglossis mixed .....	hA	1	various	5	Very showy.

NAME.	Hardness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Salvia Splendens .....	hP	3	scarlet	5	Splendid free flowering ornamen- tal plants.
Salvia Alba .....	hhP	3	white	25	
Salvia patens .....	hhP	3	blue	25	Free blooming trailing plant.
Sanvitalia procumbens fl. pl .....	hA	spr.	yellow	5	
Saponaria calabrica .....	hA	1	pink	5	Pretty, compact growing plant.
*Scabiosa dwarf double .....	hB	1½	various	5	Sweet Scabiosa, very pretty use- ful for bouquets.
Scabiosa candidissima .....	hB	2	white	5	Curious and interesting.
Sensitive Plant .....	tA	1	pink	5	Charming dwarf compact plant.
Silene pendula compacta .....	hA	½	pink	5	Charming greenhouse climber.
Smilxa (Myrasiphylum) .....	gP	6	white	10	See Antirrhinum.
Snapdragon .....					Ornamental fruit bearing plants.
Solanum capsicastrum .....	tA	1	sc. fruit	5	charming as pot plants.
Solanum Weatherill's hybrids .....	tA	biv.	various	5	These much admired fragrant flowers are everywhere popular; their handsome spikes of double flowers lasting a long time in bloom. Desirable for pot cul- ture or bedding. Seed may be sown at any time. For outdoor culture transplant when small; plant in rich soil, with mixture of lime and rubbish.
Stock German Ten Weeks mxd. ....	hhA	1	various	5	
Stock German large flowering ....	hhA	1	various	10	A beautiful and highly popular class of hardy annual climbers deliciously fragrant.
Stock German dwarf pyramid ....	hA	1	various	15	
Stock German pure white .....	hhA	1	white	15	Very beautiful hardy perennials.
Stock German blood red .....	hhA	1	b. red	15	
Stock German canary yellow .....	hhA	1	yellow	15	Excellent for bedding.
Stock German Wallflower le'v'd .....	hhA	2	various	10	
Stock Intermediate white .....	hhB	2	white	10	Slender, rapid growing climbers with very pretty flowers, which are freely produced.
Stock Intermediate crimson .....	hhB	2	crimson	10	
Stock Brompton or winter .....	hhB	2	mixed	10	Charming pot plants for easy cul- ture.
Stock Emperor or Perpetual .....	hhP	2	mixed	10	
Sweet Pea Navy Blue .....	hA	5	pure bl.	5	Red-hot Poker plant.
Sweet Pea Pink Friar .....	hA	5	pink	5	
Sweet Pea King Edward .....	hA	5	scarlet	5	Brilliant climbing plants for ver- andas, trellis, large vases, etc.
Sweet Pea Blanche Ferry .....	hA	5	p pink	5	
Sweet Pea, Blanche Burpee .....	hA	5	lg. white	5	The Verbenia is deservedly the universal favorite. The seed of the finest mixed is from the fin- est flowers in cultivation.
Sweet Pea Dorothy Tennant .....	hA	5	monoe	5	
Sweet Pea Emily Eckford .....	hA	5	hel-trope	5	Fine as pot plant in Winter, or for the border in Summer.
Sweet Pea Gorgeous .....	hA	5	yellow	5	
Sweet Pea Her Majesty .....	hA	5	pink	5	Delightfully fragrant.
Sweet Pea Countess of Radour ....	hA	5	purple	5	
Sweet Pea Unwin Extra Leg .....	hB	1	mixed	5	An old-fashioned fragrant.
Sweet Pea Spencer .....	hA	1	mixed	5	
Sweet Pea Finest Mixed oz. 10c .....	hA	5	various	5	Pretty bell-shaped flowers.
Sweet Pea Dwarf Cupid oz. 10c .....	hA	5	various	5	
Sweet William auricula flowered .....	hB	1½	mixed	5	A fast-growing ornamental vine
Sweet William double mixed .....	hB	1	mixed	5	
Tagetes pumila .....	hA	1	yellow	10	Brilliant flowers of many shades of colors.
Thunbergia aiata .....	hhA	5	buff	10	
Thunbergia alba .....	hhA	5	white	10	
Thunbergia Freyeri .....	hhA	5	orange	10	
Thunbergia mixed .....	hhA	5	various	10	
*Torenia Bailloni .....	tA	1	yellow	25	
Torenia Fournieri .....	tA	1	blue	25	
Tritoma Uvaria .....	hhP	4	red	10	
Tropaeolum Lobbianam ..oz 10c .....	hhA	6	various	10	
Tropaeolum Spitfire .....	hhA	6	scarlet	10	
Tropaeolum peregrinum can. b. fl .....	hhA	10	yellow	5	
*Verbena mammoth mixed .....	hhP	spr.	various	5	
*Verbena finest mixed .....	hhP	spr.	various	5	
*Verbena scarlet .....	hhP	spr.	scarlet	10	
*Verbena white .....	hhP	spr.	white	10	
*Vinca alba .....	tP	2	white	10	
*Vinca rosea .....	tP	2	rose	10	
*Vinca alba oculata .....	tP	2	d. eye	10	
*Violet sweet scented .....	hP	½	blue	10	
*Violet The Czar .....	hP	½	blue	5	
Wallflower single .....	hhP	2	mixed	5	
Wallflower double .....	hhP	2	mixed	10	
*Whitlavia grandiflora .....	hA	1	purple	5	
*Whitlavia gloxinoides .....	hA	2	b. & w.	5	
Wild Cucumber .....	hA	20	white	5	
Wild Flower Garden .....				5	
Zinnia elegant double ..oz. 50c .....	hhA	5	mixed	5	
Zinnia haageana fl. pl .....	hhA	10	orange	10	

## ROSEBUSHES, BULBS, ETC.

**Hardy Roses.** Two year old Holland grown, our own Importation. We carry the largest assortment of Rosebushes in the state. Both hardy and everblooming we append a partial list of the varieties we carry in stock for immediate delivery—they will produce a full crop of blooms the first summer.

**American Beauty.** Rich, rosy-crimson. Very large.

**F. D. Druschki, White American Beauty.** Very large, pure snow white.

**Baroness Rothschild.** Bright, rosy pink. Immense size.

**Crimson Rambler.** Immense cluster bright red flower—very quick grower and hardy.

**Thalia, White Rambler.** Same as Crimson, cut with pure white blooms, hardy.

**Aglaya, Yellow Rambler.** Yellow blooms in big clusters, hardy.

**Euphrosine, Pink Rambler.**

**Gen'l Jack.** Large, brilliant blood red blooms. Fine Bloomer.

**Killarney Pink.** Extra fine.

**La France Pink.** One of the sweetest and most beautiful roses grown. Large, silvery pink. Blooms till frost.

**La France Red.** Large blooms of brilliant rose pink almost crimson.

**Marechal Neil.** Large, clear yellow. Ever bloomer.

**Magna Charta.** Rosy crimson. Large buds and blooms.

**P. des Blanches.**

**U. Brunner.** Cherry red.

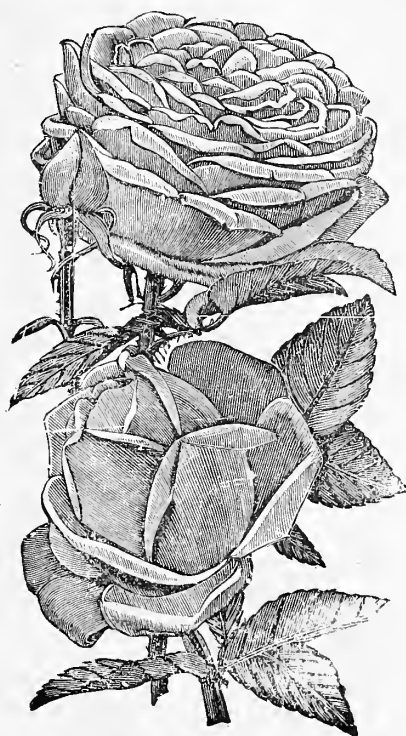
**Perle de Lyon.** Deep golden. Ever bloomer.

**Paul Neyron.** Dark rose, very large and fragrant.

**Violet Blue.**

**Persian Yellow.**

**Price, 20c each.**



**Tube Roses.** One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year around. For early flowers they can be obtained all the year around. For greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May or as soon as the ground becomes warm. 1c and 2c each.

**Gladiolus, Extra Fine Mixed.** With a view to so supplying a high grade mixture at moderate prices we have had grown for us by Gladiolus specialists good quantities of some of the choicest named kinds for this mixture, and shall use with them some of Child's hybrids and other best mixtures which will insure a large variety of shades and colors. This is truly a banner strain. Price 3c each; 25c dozen.

**Dahlias.** Our Dahlia roots are exceptionally fine this year, being Southern grown, and true to name and color. We carry a large assortment of colors. 10c each.

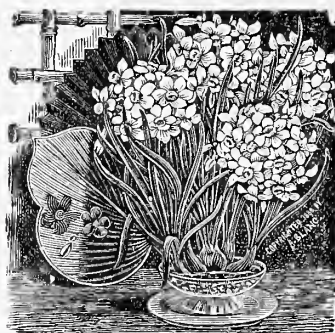
**Caladium Esculentum.** Elephant's ears. One of the most effective and easily grown plants for the lawn or flower border. Will thrive in any ordinary garden soil, but to get the best results plant in rich soil and give plenty of water. 5c, 10c, 15c each.

**Peonies.** No other plant flowering at the same season can vie with the Peony for beauty. They are perfectly hardy, requiring no protection whatever; are not troubled with insects or disease, and once planted take care of themselves. Price, 15c each.





HYACINTHS.



NARCISSUS.

Tulips, Europa. Camine.  
 Tulips, Marillo. Pink, double.  
 Tulips, Cottage Maid. Pink.  
 Tulips, Darwin. Extra long.  
 Tulips, Marillo. Double Pink.  
 Tulips, Keyserkroon. Red and yellow.  
 Tulips, Pottebakker. White and Red.  
 Tulips, Nora Wave Heilitrope.  
 Duchess of Parma. Red and yellow.  
 Yellow and Rose. Double.  
 Gretchen. Light and Pink.  
 Duke of York. Red with white border.  
 Narcissus, Double. Mixed.  
 Ruba Maxima. Red.  
 Narcissus, Single. Mixed.  
 Narcissus, Von Sion Double. Yellow.  
 Narcissus. Paper white, single white.  
 Narcissus, Trumpet Major, Single. Yellow.  
 Crocus. Blues, striped, white and yellow.  
 Lillies, Easter.  
 Lillies, Calla.  
 Lillies, Chinese.  
 Snowdrops.  
 Jonquilles.

Freesia.  
 Oxalis, etc.  
 Clara Bult. Rose.  
 Scilla Siberica.  
 Spanish Iris.

**BULBS—Continued.**  
 Cannas. Extra strong roots  
 5c each.  
 Rhododendrons. Fine large  
 plants. Holland Grown,  
 \$1.00.  
 Hydrangeas, fine quality.  
 Holland Grown.  
 Snow Ball.  
 Magnolias.  
 Box Wood Bushes.  
 Comfers.  
 Azaleas.  
 Lilly of the Valley.  
 Bleeding Hearts.  
 Peonies.  
 Begonias.  
 Cloxina.

### Flowering Bulbs of Autumn Planting

Being pioneers in the  
 Bulb line for over fifty  
 years we are in a position  
 to give you the best value  
 for the least money. It is  
 poor economy buying un-  
 reliable Bulbs, for it's sim-  
 ply love's labor lost. We  
 want to gain your confi-  
 dence, and if once gained,  
 we assure you we will re-  
 tain it and give you what  
 you ask for without sub-  
 stituting.

#### HYACINTHS

Hyacinths, Double. Light  
 blue, white, dark blue and  
 yellow.

Hyacinths, Single. Blue  
 pink, yellow, white.

Hyacinths, Roman. Blue  
 pink, white, etc.

#### TULIPS.

Tulips, Single. Mixed.

Tulips, Double. Mixed

Tulips, Single Chrysolora.  
Yellow.

Tulips, Single Artus Red.

Tulips, Single La Reine.  
White.



HYACINTHS.



TULIPS.



EASTER LILIES.

## PRICES OF GARDEN ARCHES AND VERANDA TRELLISES

### GARDEN ARCHES.

Height	Width	Span	Price each Painted Green
5 feet	12 inches	2½ feet.....	\$ 4 00
6 "	12 "	2½ "	4 50
8 "	18 "	4 "	8 00
8 "	36 "	4 "	12 00

### VERANDA TRELLISES

Any size Arbor or Trellis made to order

Height	Width	Price each
5 feet	12 inches	1 50
6 "	12 "	2 50
8 "	18 "	3 50
12 "	18 "	5 00

Arches are crated knocked down for shipment

### THE WHEELLOCK TRELLIS

13 inches wide.....	12 cents a foot
19 inches wide.....	14 cents a foot



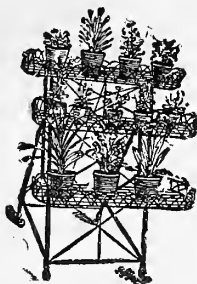
### FLOWER BED GUARD

16 inches high.....	12 cents a foot
22 inches high.....	14 cents a foot

Green Dahlia Poles, 2 ft.	3 ft.	4 ft.	5 ft.	6 ft.
4c	5c	8c	12c	15c
Bamboo Dahlia Poles, 2c	3c	3c	4c	4c
20c doz	20c doz	25c doz	30c doz	35c doz

### WIRE AND WOOD FLOWER STANDS

1 Step Wire Flower Stand 24 in.	\$1 50
1 Step Wire Flower Stand 30 in.	1 75
2 Step Wire Flower Stand	2 50
3 Step Wire Flower Stand	3 50
4 Step Wire Flower Stand	4 50



### TREE TUBS.

No. 1 Round	\$1.15
No. 2 Round	1.50
No. 3 Round	1.98
No. 4 Round	3.50

### FLOWER POTS.

Finest quality machine made in sizes 2 inches to 14 inches.

### JARDINIERE FLOWER POT Eight Day Self Watering (Patented 1909)



Directions:—When potting a plant, first fill the pot with water and allow it to stand for fifteen minutes, then turn out water and place plant in pot, packing the soil firmly to within ½ inch of top edge of the pot. Place the pot in the reservoir and pour water into reservoir through the lip around the top edge of reservoir until water stands ½ inch deep in the lip.

The water supply of reservoir will last for 8 to 10 days, but it will be found more satisfactory to have an appointed day in the week for refilling the reservoir, since in that case the duty is less likely to be forgotten and neglected until the plants suffer for want of water.

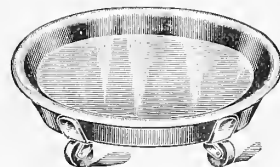
Do not water plants through surface of the soil unless under exceptional conditions of humidity of air or temperature the plants indicate insufficient supply of water from reservoir.

### PRICES

4 in. inside.....	each	\$0.20
5 "	"	.25
6 "	"	.35
7 "	"	.45
8 "	"	.75
9 "	"	.89
10 "	"	.98

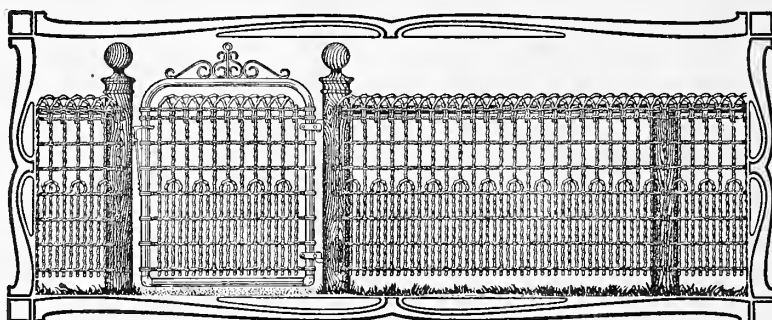


Bulb Pan .....	59c
Fern Dish .....	49c



Indurated Fiber Rolling Stands, for large flower pots and tree tubs.

## Ornamental Fences and Gates



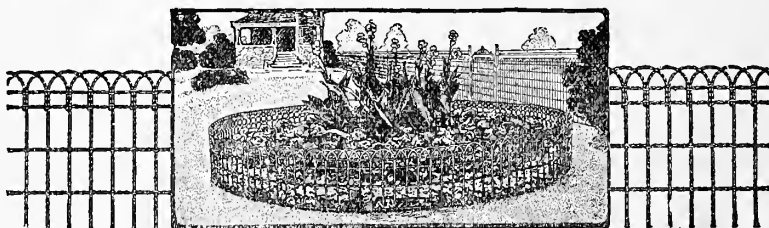
Our Ornamental Fences are exclusive in design, and embody many highly meritorious features not to be found in those of any other manufacture.

Our fabrics are made by cabling horizontal wires and inserting, at regular spaces, heavy upright or picket-wires which are corrugated either at intervals or continuously to engage the cabled line-wires, reversing the twist of the cable on each picket—thereby causing the cables to become firmly seated in the corrugations of the uprights, thus forming an immovable joint, and providing for contraction and expansion. Will not unravel when cut.

### PRICE LIST.

36 inches high .....	14c lineal foot.
42 inches high .....	16c lineal foot.

## PERFECTION FLOWER-BED GUARD AND LAWN BORDER



A neat, artistic, and inexpensive fabric for the protection of flower beds. Also much used for lawn and curbway border. Can be readily taken up and used from year to year, cut off to length required, and the ends hooked together when set. No posts are required to hold it in place, as the picket ends are left projecting for insertion in the ground. Uprights are of No. 9 and cables of No. 13 heavily galvanized wire.

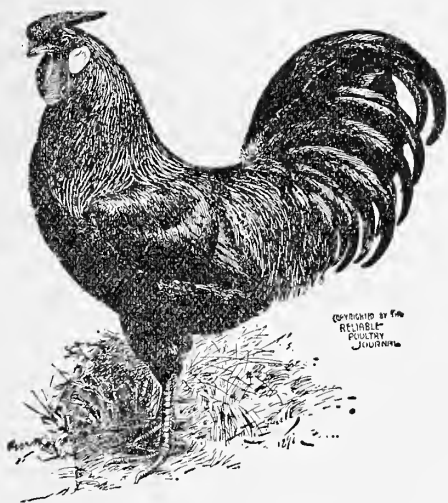
Made in two heights:

16 inches high.....	8c per lineal foot	22 inches high.....	10c per lineal foot
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## ORNAMENTAL WALK GATES

Cyclone Ornamental Gates are made to match any of our styles of fabric. Frames are of high grade steel tubing, with fittings of high-grade malleable iron and wrought steel. Same style as above we quote: 36 in. high, opening 36 in. \$3.98; 42 in. high, opening 36 in. \$3.98.

# High Grade Poultry and Pigeon Supplies



## PRATTS BABY CHICK FOOD

for the "first three weeks."

Saves the little chick—brings them through the first three weeks in fine shape—keeps them well and makes them grow fast. The most successful poultrymen all over the country testify that PRATTS BABY CHICK FOOD is the greatest money saver and chick saver that they have ever seen. If you want real success with your chicks—want to raise all that are hatched every time—use PRATTS BABY CHICK FOOD. Try it once and you will never be without it.



14 lb. Bags, \$1.00

Packages, 10c, 25c and 50c.



## "CRESCENT" Chick Feed for the Growth Stage.

A standard mixture of cleaned Cracked Grains, Seeds and Hulled Oats. The proportions are similar to the "Sun Brand," but a trifle coarser, especially to meet the requirements of the older chicks, although used by many from the beginning.

Prices on application.

The great need to poultrymen is for a dependable main ration, which shall be the basis of all feeding, something which, with necessary changes for age of fowls, may be used continuously from the beginning to the end of the feeding operations.

The line of poultry feeds hereafter given is believed to furnish the base for the best system for scientific feeding of poultry that is available.

**NOTICE**—Prices affixed to the different varieties appended are subject to change without notice.

## DEVELOPING FOOD.

A special food for properly maturing young chicks after they are weaned from Chick Food up to the time for feeding scratching food and laying food. Developing food is dry grain and may be fed from hoppers, but better results may be had by scattering broadcast.

Prices on application.

## "QUEEN" Poultry Mash a Poultry Food Contains Alfalfa Meal

Proportions changed to meet Requirements of Different seasons, also beef scraps and oil cake. A selected mixture of Ground feeds, manufactured from the choicest sound, sweet and wholesome Grain. It is carefully prepared and contains ingredients in proper proportions essential to the health and growth of the fowl, a health food, a molting food and an egg producer.

Prices on application.



## SCRATCH FOOD

For Grown Fowls.

Suitable at all Seasons.

A carefully selected mixed balanced ration of grains, cracked and whole seeds, etc., adapted to the vigorous growth of fowls and production of eggs. Scratching food should be scattered in the litter the first thing in the morning and at noon; late in the afternoon feed all the mash food they will clean up.

Prices on application.



## BEEF SCRAP.

Standard Meat Food for Poultry of all Ages.

High Protein Beef Scraps is an especially valuable meat food for poultry and gives very satisfactory results. Any kind of Beef Scraps will not answer. Poor beef scours the birds and often injures them, when the first is used the results are uniformly good. Do not fail to buy your supply from a reliable source.

Prices on application.

**LAYING FOOD.****Egg Mash.**

Invaluable as a Supplementary Feed for Winter Laying—15 per cent Meat Scraps and Oil Meal—16 to 18 per cent Protein. Can be "Dry" hopper fed or moistened.

Prices on application.

**SPRATT'S CHICK GRAIN.**

A specially prepared and highly nutritious food for young chicks. 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 85c; 100 lbs. \$4.50.

**MUZZY "PIGEON FEED" A SQUAB DEVELOPER**

Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier, the man who raises birds for their beauty, for the show, for the pleasure there is in it, or for sporting, finds in our Pigeon Feed a combination suited to his needs.

Prices on application.

**CHARCOAL**

Prepared expressly for poultry, absolutely pure, essential to health of fowls and aids to digestion. We carry three grades:

No. 2. Fine, for use on mash mixtures.

No. 1 Medium, for small chicks

No. 0 Coarse, for fowls.

5 lbs., 20c. 10 lbs., 35c. 25 lbs., 75c.

50 lbs., \$1.38 100 lbs., \$2.50

**GROUND BONE, Fine and Granulated.**

Ground Bone is made from the Dry Bone, and contains Phosphates, Lime and Protien and is especially valued as an egg producer.

5 lbs., 25c 10 lbs., 45c 25 lbs., \$1.00

50 lbs., \$1.90 100 lbs., \$3.50

**CUT ALFALFA CLOVER.**

A Poultry Food that aids digestion and assists in the assimilation of grain foods, thereby giving better results at lower cost. Among green foods, Alfalfa stands at the top. Mealed Alfalfa is a boon to poultrymen. It is used in a mash for small chicks as well as to mature fowls. If more of this meal was fed to young chicks there would be less mortality.

Prices on application.

**CUT RED CLOVER**

Cut Clover has become the standard green food for winter egg production. It is used and recommended by every poultry expert and well-known practical poultryman in America.

Writers on poultry topics endorse it as a necessity, especially during the long winter months when the fowls are unable to obtain a substitute for the bulky green food which is so plentiful during the summer season in the shape of grass clover and vegetables.

Prices on application.

**CRUSHED OYSTER SHELLS.**

It is needless for us to enlarge on the value of oyster shells for poultry. Every poultryman realizes their importance as an egg maker and general promoter of good health.

1 lb., 2c. 5 lbs., 10c. 25 lbs., 35c. 100 lbs., 60c.

**CRYSTAL GRIT.**

We supply 4 sizes of Grit. No. 4 for Brooder Chicks; No. 3 for Pigeons; No. 2 for half-grown Chicks; No. 1 for Hens, Turkeys, Ducks and Geese.

1 lb. 2c, 5 lbs. 10c, 25 lbs. 35c, 100 lbs. 60c.

**FOUST'S HEALTH GRIT.**

1 lb. 5c, 5 lbs. 15c, 10 lbs. 30c, 25 lbs. 75c, 100 lbs. \$2.00.

**SEEDS AND GRAINS.**

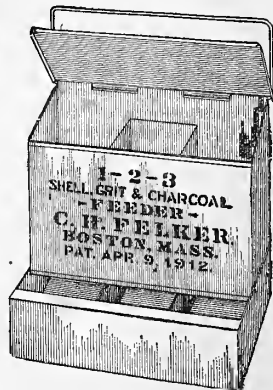
We carry a full line of the following: Wheat, Barley, Millet, Hemp, Sunflower, Kaffir Corn, Canadian Peas, Cracked Rice, Linseed Meal, Canary Seed and Mixed Bird Seed, Buckwheat, Rye, etc.

**GRIT AND SHELL BOX.**

Sanitary grit and shell boxes make a material saving on grit and oyster shells, ground bone, charcoal or poultry foods. They are practical self feeding boxes made of heavy galvanized iron.

50 cents each.

Sanitary Dry Feed Box, 75c.

**1-2-3 POULTRY FEEDER.**

For feeding Dry Mash, Scraps, Grit, Oyster Shells, Charcoal or any poultry feed. The separator can be arranged so as you can have one, two or three compartments. When used for one kind of feed take out the separator; for two kinds put separator in one end; when used for three kinds, say scraps, shells, and grit, put separator in the middle and you have three separate compartments. Price, 75c.

## Caponizing Requisites

### GAPE WORM EXTRACTOR.

The use of this instrument is so simple that a few moment's practice will give almost all information needed. The wires being flexible, may be made smaller or larger by bending to suit any age fowl.

Full directions with each instrument.

Price, 25 cents.

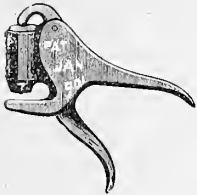
### PILLING FRENCH POULTRY

#### KILLING KNIFE.

Every Poultry raiser should have one of our killing knives. They are made of a finely tempered instrument steel, with nickeled handle; will last a life time. Sent postpaid on receipt of 50 cents. Don't wait! Send for it now.

### RELIABLE SPRING LEVER POULTRY

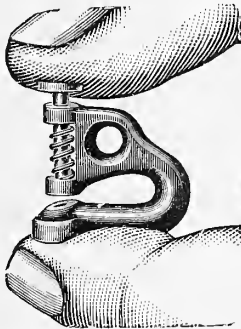
#### PUNCH.



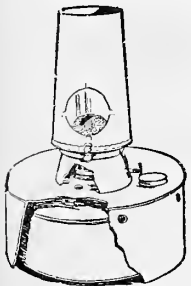
If you keep a record of your chicks, of the different breeds, hatches, strains, etc., there is no better, quicker, or easier way than by using our latest invention.

Price, 25 cents.

## PHILADELPHIA Chick Marker Price 25 Cents



### INCUBATOR AND BROODER LAMPS



ZERO LAMP.

With seamless founts drawn in one piece and galvanized after drawing.  
7-inch by 2 3-4, No. 2 burner and chimney, 75c.  
7-inch by 2 3-4, No. 3 burner and chimney, 98c.

Zero Incubator and Brooder Lamp, \$1.00 each.

### PILLING CAPONIZING SETS.

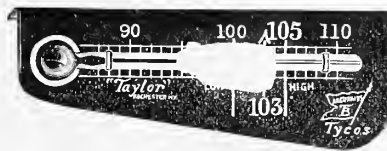


The Farmer Mi	Caponizing Set	\$6.00
The Farmer's	Caponizing Set	3.00
The Philadelphia	Caponizing Set	2.75
The Plain	Caponizing Set	1.50

Full instruction for use with each set.

### HIGH GRADE TESTED THERMOMETERS.

The best incubator or brooder manufactured,



is worthless unless the thermometer used therein is accurate. Hundreds of

hatches in incubators fail because of inferior thermometers, and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

The thermometers here listed are thoroughly tested before they are shipped.

Incubator Thermometer, each 50 cts.



Brooder Thermometers, each 35 cents.

### INCUBATOR HYGROMETER

These Hygrometers should be used by every one who runs an incubator. They regulate the moisture as accurately as the heat which overcomes the trouble so many people have of chicks "dead in the shell."

Price, each, \$1.25.

### WATER-GLASS.

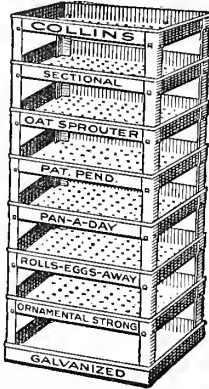
For Preserving Eggs.

5 lb. can.....	50c
11 lb. can (1 gallon).....	75c

## The Collins Sprouter

The Most Practical, Quickest Growing  
Perpetual, Sectional, Fireless

### OAT SPROUTER



All Metal, Heavily Galvanized. Packed in  
Corrugated Box 11½ x 15½ inches.

#### PRICES

5 Pans, 11 x 15.....	\$2.00
8 Pans, 11 x 15.....	3.00
Extra large size .....	6.00

## THE 6 IN 1 EXERCISER AND FEEDER



Is just what its name implies. It is a large, rust-proof, galvanized, steel hopper supported on four strong iron legs and devised to hold all the food necessary for poultry. The center hopper holds all the food necessary for poultry. The center hopper holds the mixed grain food. Surrounding this center hopper are six compartments made to contain dry mash, beef scrap, grit, charcoal, oyster shells, etc. easily accessible to the fowls, and the feeder is so constructed that no food is wasted. The cover is conical in shape, preventing roosting upon it.

Price, 30 qt. \$3.75; 40 qt. \$4.75.

## This Automatic Poultry Feeder

### WILL MAKE YOUR HENS LAY BETTER

The Norwich Automatic Feeder is used exclusively in the North American Laying Competitions, where all official records for high production and low mortality have been broken. The machines save half the labor of feeding, reduce grain bills, keep the fowls healthy and make them lay. You can get the same results by adopting this modern method of feeding. The new

### APACO POULTRY FEEDER

is low price, being especially designed to meet the needs of owners of small flocks. It is carefully constructed and has the all-important adjustable valve for regulating the strain flow and the positive rotary feeder rod, special features which can be secured from no other manufacturers.

Test this time-saving, results-bringing plan of feeding right now. Secure one or more Apaco Feeders and put your birds to work. They will quickly begin to pay dividends.

Guaranteed Satisfactory or Money Refunded.

Our complete catalog of money-making poultry equipment mailed free on request. It contains much valuable information which you should have.



12-Quart Size, \$1.00,  
Delivered.



**SANITARY GALVANIZED IRON DRINKING FOUNTAINS**

1 qt Chick Fountain 25c.  
1 gal. 50c. 2 gal. 85c.

**CONE TOP GALVANIZED IRON FOUNTAINS**

Small .....\$0.20  
Medium ..... .25  
Large ..... .35



**LATHROP CHICK SERVER**

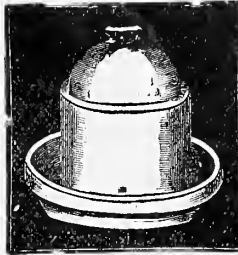


This is a very practical device for serving water, grain or grit to chicks. The chicks cannot get into it and drown. It has no seams, is all smooth and easy to clean. No exposed edges to rust, Price 25c.

**THE PEERLESS BROODER FOUNTAIN**

The Ideal Fount for little chickens

Price 35c each, \$3.50 per dozen  
592 size 75c. 10 size \$1.00  
Heater attachment 5qt. size\$1.00



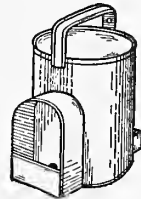
**EARTHENWARE FOUNTAIN**

This fountain is the only kind made in this form—2 sections—in earthenware. They can be easily cleaned; and if frozen, can be refilled without trouble. They keep the water always fresh and cool.

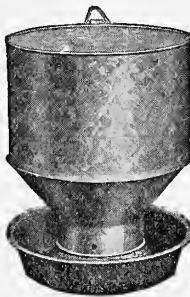
Each, 1 quart 20c., ½ gallon 25c., 1 gallon 30c.  
2 gallon 35c.

**WALL FOUNTAIN.**

1 qt. .... 35c  
2 qt. .... 40c  
4 qt. .... 55c  
8 qt. .... 70c



**SEXTON UP-TO-DATE FOUNTAIN**

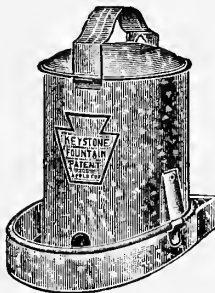


Six quarts, price 50c each.

**KEYSTONE FOUNTAINS**

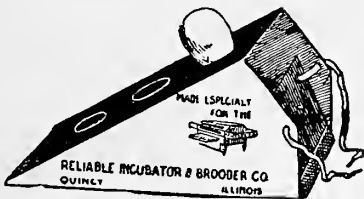
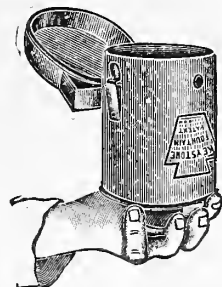
Practical  
Convenient  
Easy to fill  
Not Injured by Freezing

Large comb fowls can drink readily from this fountain.



**Price**

1 qt. .... 35c  
2 qt. .... 40c  
4 qt. .... 65c  
8 qt. .... 98c



**GEM FOLDING EGG TESTER**

A tester consisting of pasteboard and a strip or mirror. The tester has been in common use for years, is very popular and fills a longfelt want for something accurate and cheap. Price, 50 cents.



## THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN



### SANITARY NON-FREEZING

How to supply water to the poultry house during the winter months has been one of the problems which has confronted the poultrymen for years, for there is nothing more discouraging than to fill the drinking vessels, with all the accompanying discomforts of carrying water in cold weather, and then have the fountains freeze almost before we finish the task, and it has been the experience of many poultrymen that their birds have been without water for most of the day in consequence

One filling of the oil tank will keep the apparatus burning day and night for two weeks, and it is but necessary to trim the wick occasionally, for the blaze is so small the wick crusting is a very slight matter. To accomplish the cleaning of the wick, the base is fitted with a slide, through which it may be attended without removing the reservoir, while the regulation for a high or low flame is accomplished from the outside of the burner by means of the wheel, as shown.

Made in one size only—5 gallons capacity.

Price—Complete with Burner Base .....\$3.00  
Without Burner Base ..... 2.00



## RELIABLE EGG CARRIER



Is made with an adjustable cover and a patent combination lifter and fastener, which is far superior to other similar devices now on the market. There is no more durable or better carrier made. A necessity to all poultrymen. Prices are as follows:

9 doz. size, each....75c

## THE EUREKA EGG CASE

Herewith is illustrated the Eureka Egg Case, which is the most durable of any egg case in the market. It has five strong points namely:

- 1st—It is strongly constructed.
- 2nd—It has Patent Handles.
- 3rd—It has little Daisy Hinges, allowing the cover to fall close to the back.
- 4th—It has Snap Fasteners.
- 5th—Its Fillers are first-class and have no equal.

If you are shipping eggs it costs less in the end than any other

Size	Case with Fillers	Size	Case with Fillers
9 dozen	.....\$1.00	15 dozen	.....\$1.35
12 dozen	..... 1.25	30 dozen	..... 1.65

## The PEERLESS SELF-FEEDING Dry Food Hopper

This Hopper Stands for Economy, Efficiency and Reliability.

Ideal for feeding Dry Mash, Beef Scrap, Bran, Meal, Grits, Oyster Shell, Hen-e-ta Granulated Milk, Charcoal, Cracked Bone, Whole Grains, etc.

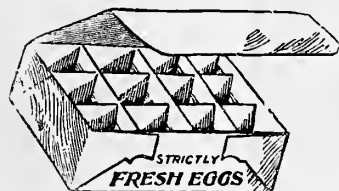
Guaranteed to give ten years of continuous service.

Hopper feeding is decidedly the easiest and most economical method of feeding birds that are being raised for breeding, for market or for egg production.

### SIZES AND PRICES:

Small,	8 quart size for 10 to 15 birds	\$1.25
Medium,	15 quart size for 15 to 30 birds	\$1.75
Large,	32 quart size for 30 to 50 birds	\$2.50

Buy Them on Our Guarantee.

**PAPER EGG BOXES**

Just the thing for your family egg trade, they ship knocked down can easily be set up. Extra heavy, 1 doz. size, 18c dozen.

\$1.25 for 100. In 1000 lots \$10.00.

We carry a good wood box of good pine stock and Egg Spring Holder. Best thing made for shipping. Also new Egg containers for Parcel Post shipments. Write for prices.

**METALLIC EGG TESTER.**

We manufacture what is probably the neatest and surest metallic egg tester on the market. It consists of a metal lamp chimney and tubular projection. Is made in two parts so the tubular projection can be removed and chimney used separately, 25c.

**WIRE CHICKEN NESTS**

These nests are strongly made from heavy Japanned Steel Wire. They are intended to fasten to the wall with screw hooks, there is no room on them for lodgment of life, vermin of any kind, easy to keep clean and far superior to wooden boxes.

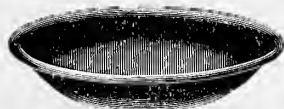


Price each, 15c per dozen \$1.50

**PIGEON NESTS**

Should be used by every pigeon fancier. Made of clay, with heavy bottom to prevent upsetting. Size about 9 inches in diameter.

Price, 10c each.

**INDURATED FIBRE**

Fills a long felt want for all squab breeders. Wood gets filthy and vermin laden in a very short time.

Iron or earthenware is cold and bad for the birds.

15c each.

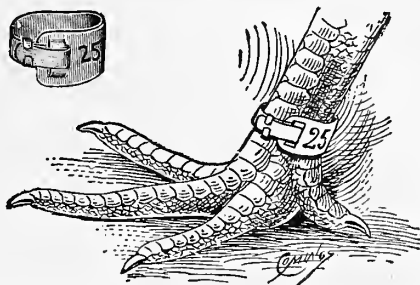
**FEED AND DRINKING CUPS.**

Galvanized. Especially Suitable for Exhibition Coops.

No. 0, 4 3/16 x 3 1/8 x 2 1/4 inches, price, each, \$0.15. No. 1, 5 1/8 x 3 1/2 x 2 1/2 inches, price, each \$0.20.

**IMPROVED CHAMPION LEG BANDS ALUMINUM.**

Raised Numbers



This is a well known band, is one of the best on the market; is light and strong, being held by a double lock, is impossible to come off.

10c doz.; 25 for 20c; 50 for 30c; 100 for 50c.

**SUPERIOR LEG BANDS.**

Made from spring wire aluminum tag. Price 15c per dozen; 60c per 100.



Bands for Marking Pigeons.

**PERFECTO LEG BANDS.**

Celluloid.

Red, Green,

Black, Pink,

Yellow, Lt. Blue,

Amber and Ruby

Mark each hen for her pen, so that you know where she belongs at a glance.

Mark your old hens to distinguish them from the pullets so that you can catch the right one to kill at the first grab.

Price, Nos. 1, 2, 3, 15c doz., 30c for 25, 50c for 50, 75c for 100.

Pigeon and Chick, 10c doz., 20c for 25, 35c for 50, 50c for 100.

**ADJUSTABLE CLINCH POULTRY BANDS.**

Made of Aluminum.



Prices: 12 bands, 15c, 25 bands, 20c, 50 bands, 35c, 75 bands, 50c, 100 bands, 65c.

## MOE'S SELF LOCKING LEG BAND

MOE'S SELF LOCKING  
BAND READY TO BE  
USED



Patented

You simply push it together to lock it and it can only be removed by destroying the band.

The simplest and most durable metal leg band on the market. Every band is its own number. Manufactured in sizes for Mediterranean, American and Asiatic Birds, also Turkeys.

EASILY ADJUSTED WITH THE  
FINGERS AND IT IS THEN ON TO  
STAY



Prices

any size

12 bands	..15c
25 bands	..20c
50 bands	..35c
100 bands	..65c

Manufactured in sizes for Mediterranean, American and Asiatic Birds, also Turkeys.



### NEST EGGS

#### ANTISEPTIC NEST EGGS.

Kills Lice and Mites in Nests and on Fowl's body where they congregate and worry the layers. No trouble to use. Simply put them in the nest.

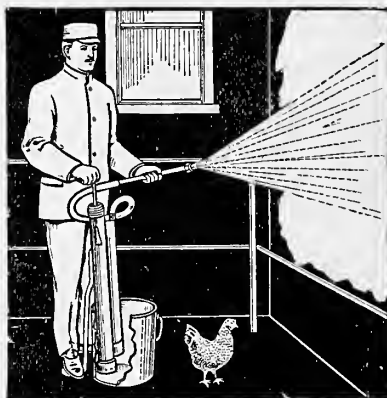
5c each, 6 for 25c.

Lime Nest Eggs, 3c each, 25c a dozen.  
No-Odor.—One of the best nest eggs to use.

#### PORCELAIN NEST EGGS.

These eggs are made of first class flint and do not break and will last indefinitely.

Price 2c. each, 3 for 5c. Doz. 18c.



#### WHITEWASH SPRAYER

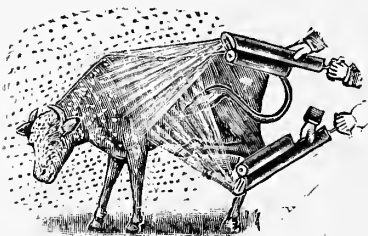
This is the only spray pump that properly sprays whitewash without clogging. It is constructed of heavy galvanized iron with brass tops and valves. Large air chamber and ball valves, the pressure maintains a continuous stream or spray not affected by the upward stroke.

Galvanized Iron, \$2.25,

Brass, \$2.75.

## PRATTS FLY CHASER

Protects Horses and Cattle from the Torture of Flies.



#### FLY KILLER OIL

\$1.00 a Gallon.

Pratts Fly Chaser is a liquid preparation to be sprayed on cows, horses, hogs, sheep and poultry. It is a disinfectant and germicide.

There is nothing that worries a cow, and retards the flow of milk so much as to be pestered and tortured with whole swarms of flies on hot summer days, and especially so at milking time. There is nothing quite so trying as to milk a cow when bothered with flies. Between kicking, switching her tail and throwing her head—it is, to say the least, an annoying and difficult task.

It is a well known and generally recognized fact that cows protected from flies give more milk and require less feed to keep up milk and fat. Many diseases among cows no doubt are caused by fly bites, and germs carried by them.

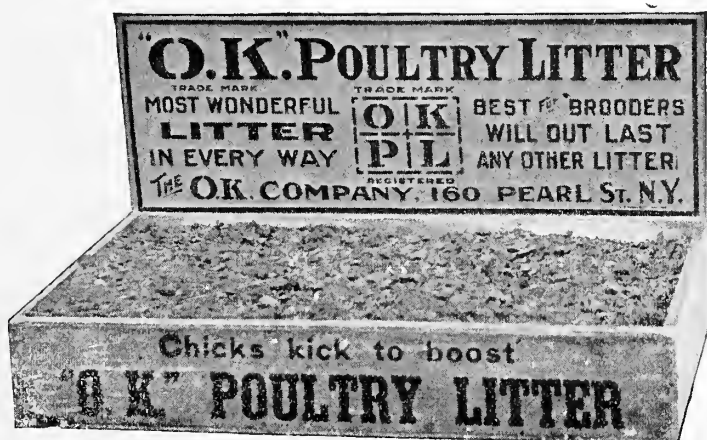
To the dairyman, Pratts Fly and Germ Killer means a greater flow of milk, less sickness among cattle and greater comfort to both man and beast.

## SOLE AGENTS

## O. K. POULTRY LITTER

A deodorizer, absorbent disinfectant, sonomical and labor saving scratching Litter, it is imported and is especially adapted as a litter in Scratching Pens and for catching droppings under perches. It absorbs all moisture from the droppings and they quickly dry up. It absorbs the ammonia and poisonous gases.

Lice will not live in it. It is the best Nest material because it is soft and pliable and will not harbor lice. By following directions you need only clean your pens once in three to six months, thus saving much time and labor.



## PRICE

1 lb. 8c    5 lb. 25c    10 lb. 35c    25 lb. 75c    50 lb. \$1.25    Bale, 175 lbs. \$3.00.

## POULTRY-MUSTARD

The experience of practical poultry raisers and the results of careful experiments conclusively demonstrate that Colburn's Poultry-Mustard keeps fowls in vigorous condition, increases egg production, improves fertility and hatchability of the eggs, and does not injure the birds in any way.

**DIRECTION FOR USING.**—This Mustard may be fed in a dry mash or moist mash, as preferred. Give one heaping teaspoonful daily to each ten birds. This amount may be increased, especially during cold weather. Be sure to thoroughly mix the mustard with the ground grains.

Endorsed and recommended by leading poultrymen.

Price, 35 cents.

Chick-Chuk contains 50% Protein and 30% Bone, with 2% of fat and 2% of salt. It is finely ground and sifted fish meal made from only the edible portions of clean, pure Cod, Haddock and Pollock. It possesses a far greater

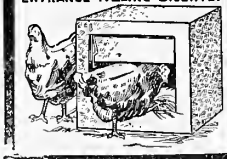
value than ordinary commercial fish scrap and positively will not taint the flesh or eggs.

Price 1 lb. 10c; 5 lbs. 8c; 10 lbs. 7c; 25 lbs. 6½c; 100 lbs. \$5.00.

**CHIC**  **CHUK**  
**THE IDEAL CONCENTRATED**  
**POULTRY FOOD**

## MOE'S NEVER FAIL TRAP NEST

DELICATE TRIGGER HOLDING  
TRAP RELEASED BY HENS  
ENTRANCE FALLING SILENTLY



### A SOLUTION OF ALL TRAP NEST TROUBLES

For as the Name Implies,  
It Never Fails

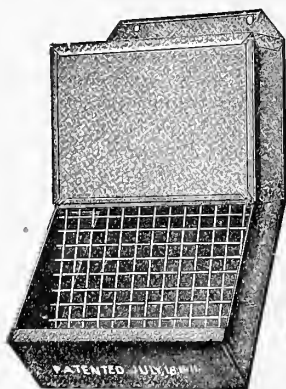
These traps are lice-proof  
But one bird can enter at a  
time. Fully sealed back and  
sides but when the hen is  
trapped she gets plenty of

TRIGGER LOCKS TRAP AND  
HEN THEN THERE TO STAY  
UNTIL RELEASED



air from above and beneath the trap which is essential in warm weather. Can be placed anywhere in the poultry house or in tiers one on top of another or side by side as desired. The trap is easily removed so that the nest can be used as an ordinary nest. Manufactured of heavy galvanized iron in two sizes.

No. 33—About 1-foot square, complete...75 cts. No. 34—12x12x14½, for extra large birds..\$1.00



OPEN

Easy to Fill  
Rat Proof



CLOSED

No Waste  
Dust Proof

## SEXTON'S DRY FEED HOPPER

(Patent Pending)

Pronounced to be the best Hopper offered. Simple in construction, easily operated and absolutely "Rat and Mouse Proof."

No. 1, Poultry Size .....Each \$1.00

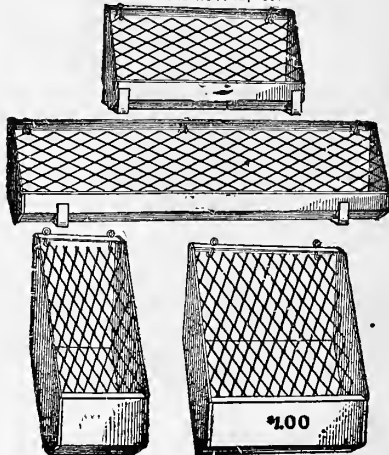
No. 2, Chicken Size .....Each 0.90

Special Size to Order

Rubber Bucket Pumps and Extra Fittings

## "THE BOSTON" POULTRY DRY FEED HOPPER CO. BOSTON MASS. U.S.A.

PATENTED NOV. 12, '07.



90c

\$1.25

80c

These Hoppers are absolutely automatic and positive in their action. They cannot clog—they do not waste. They are made of galvanized iron with swinging grind (mesh) and hold ½ peck to ½ bushel respectively, and will last a lifetime. Feed is always accessible and in sight, they save labor and money.

## MOE'S ROUND BABY CHICK FEEDER

SLIDING COVER  
MAKES FILLING  
EASY

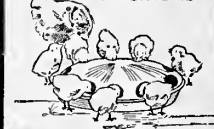


A great feed saver, as the little chicks cannot get into it and contaminate the feed. Can also be used for water.

No. 11—Small size.....\$ .15

No. 12—Large size..... .25

WHEN FILLED AFFORDS  
PROTECTED FEEDING ACCOM-  
MODATIONS FOR A NUMBER  
OF CHICKS



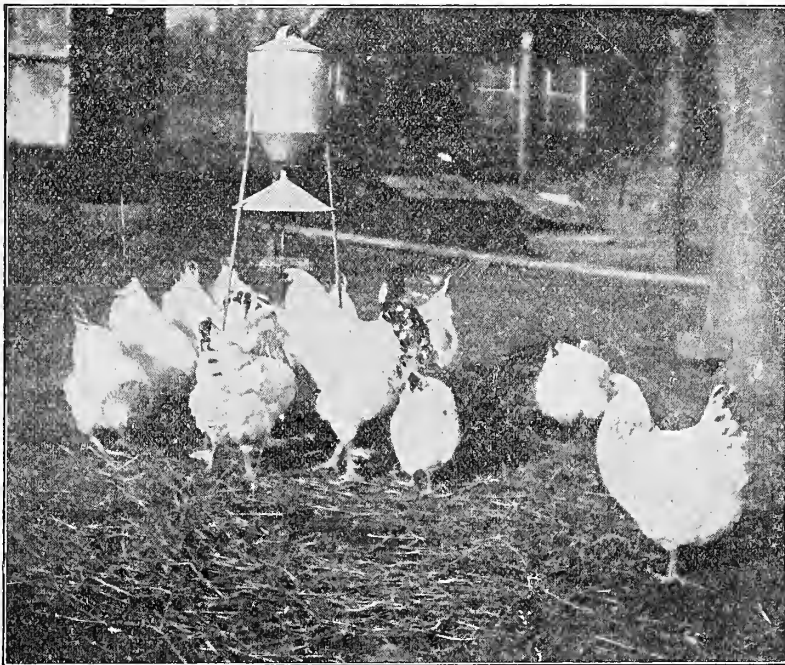
SOLE AGENTS

**NORWICH AUTOMATIC FEEDERS**

One of the very best Automatic Feeders on the market. Every one guaranteed

**PRICE**

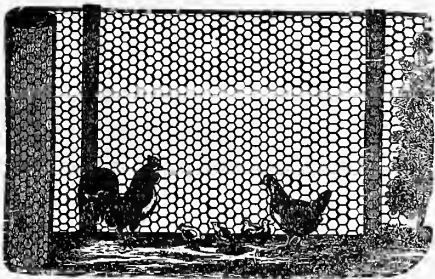
No. 1, 8qt \$2.50 No. 2, 14qt \$3.25 No. 3, 20 qt \$4.10 No. 4, 32qt \$5.00



**POULTRY NETTING**

Our Poultry Netting is woven from the best quality of steel wire of full standard gauge. It is heavily galvanized after weaving, thus insuring the greatest durability.

**Galvanized Wire Netting**



Wire 2 inch Mesh, 1 ft., 2 ft., 2½ ft., 3 ft., 4 ft., 5 ft., 6 ft. No. 20 Wire 1 inch Mesh, 1 ft., 2 ft., 2½ ft., 2 ft., 4 ft., 5 ft. and 6 ft.

Market Prices.

**The One Perfect**

**KO-ZE**

**Heated Fireless Brooder**

Uses No Lamps.

No Danger of Fire.

Capacity 50 Chicks.

Built of HEAVY GALVANIZED IRON, with Sanitary, Vermin-proof Lining and a FELT "MOTHER" which is free from threads, that constantly come from flannel and strangle and lame so many chicks.

It is adjustable.

Price, \$3.00.

# AQUAROID ROOFING

QUALITY CERTIFIED

DURABILITY GUARANTEED

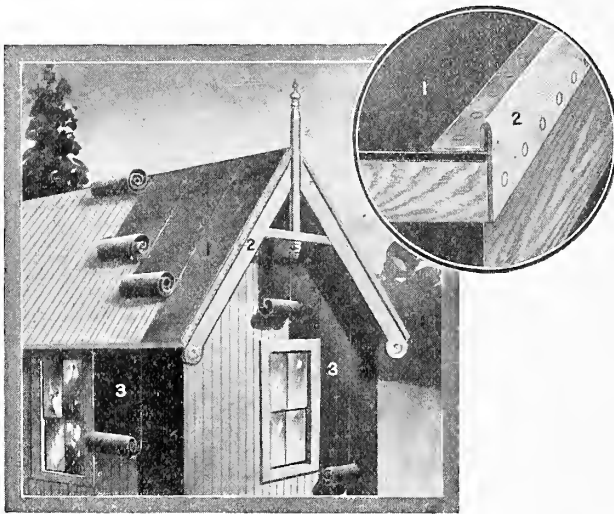
GUARANTEED

1 Ply 5 Years

2 Ply 10 Years

3 Ply 15 Years

We are authorized by the Manufacturers to furnish the manufacturers written guarantee for the period above mentioned.



This roofing is made of the best long fibre wool felt, saturated and coated with pure refined asphaltum and is not affected by acid gases or climatic changes. It is suitable for flat or steep roofs. Put up in rolls containing 100 square feet, sufficient to cover one square allowing 2 inches for lap. Nails, tin caps, cement and directions for laying on, packed in each roll. It is made in these weights:

1 Ply, 35 lb.	\$1.60 per roll
2 Ply, 45 lbs.	2.00 per roll
3 Ply, 50 lbs.	2.50 per roll

## TAR ROOFING PAPER.

This paper is manufactured by a reliable manufacturer, is watertight, durable, strong, impervious to air and is not affected by heat or cold.

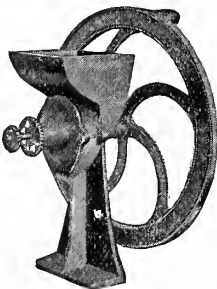
1 ply roll 4c lb., 2 ply roll 85c, 3 ply roll \$1.10. Nails and tins for above. Special price in large quantities.

## MANN'S PAT BONE CUTTERS

Are one of the best Bone Cutters ever sold to the public and they are one of the most successful Hand and Power Machines on the market today for cutting green bones.

No. 5 B \$8.00	No. 5 BM with legs \$10.50
No. 7 with legs \$12.00	No. 9 \$17.00

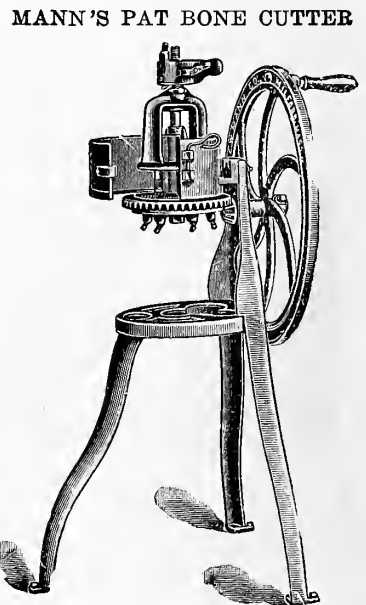
## NO. 32 HAND MILLS



In these mills are embodied all the good features of other hand grinding mills, to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish; has a 16 inch fly-wheel and is light running.

The capacity of this mill is not equalled by any other of the same size. Shipping weight 40 pounds. Capacity 1 or 2 bushels per hour.

Price \$4.48



**PRATTS POULTRY REGULATOR**

does make hens lay. It regulates the blood, bowels and digestive organs of all fowls. Keeps them robust and as an egg producer it stands unrivalled. When regularly used hens lay throughout the year. In fact most of such diseases as chicken cholera, gapes, roup, rheumatism, worms and egg eating are unknown when it is given regularly.



25 lb. pail, \$2.50

100 lb. sacks, \$9.00

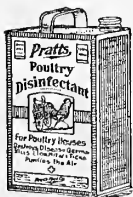
Pkgs. 25c, 50c, and \$1.00.

**PRATTS POULTRY DISINFECTANT**

Give comfort and health by destroying lice, mites and other vermin and the germs of roup, colds and other diseases by freely and regularly using Pratt's Poultry Disinfectant.

1 Quart, 35c.

1 Gallon, \$1.00.

**PRATTS ROUP REMEDY**

Don't let ROUP cut your profits. The sure and easy "ounce of prevention" against this dangerously contagious diseases is Pratt's Roup Remedy.

Quickly absorbed by the blood, purifies the system, reduces fever, allays inflammation.

Tablets or Powder, \$1.00; 50c; 25c.

**PRATTS POWDERED LICE KILLER**

You must rid birds and houses of lice, mites, etc., so that hens can lay and chicks can grow in peace.

Pratts Powdered Lice Killer is the best insecticide. Powerful, safe and economical.

Packages 25c and 50c.

**PRATTS WHITE DIARRHOEA REMEDY**

To protect your chicks from white diarrhoea, the most destructive of all chick diseases, it is only necessary to give Pratt's White Diarrhoea Remedy in the drinking water from the first drink.

Packages 25c and 50c.

**PRATTS HEAD LICE OINTMENT**

Causes immediate death to the Head Lice which kill so many thousands of little chicks yearly. Head Lice weaken the chick's health, and a chick in a weakened condition easily contracts many other diseases.

**PRATTS GAPE REMEDY**

An unfailing guaranteed remedy for Gapes. If used in the drinking water from the start until the chicks are four weeks old, gapes will be practically unknown. Price 25c and 50c. Will mail post-paid upon receipt of price.

**PRATTS CHOLERA REMEDY**

An unfailing remedy for cholera and a "guaranteed or money back" article is Pratt's Cholera Remedy. It is administered in the drinking water and will be found of great value, not only for treating cholera but also in cases of indigestion, sour crop, dysentery, diarrhoea and bowel trouble.

**PRATTS CONDITION TABLETS**

A "bracer" for over-worked, run-down poultry. Keeps show birds in the pink of condition; puts flesh on thin birds; prevents colds, roup and liver troubles.

25c and 50c a box.

**PRATTS SCALY LEG REMEDY**

You can quickly root out the little insect which digs the scales of the feet and legs of your chickens by the use of Pratt's Scaly Leg Remedy. This disease not only impairs the vitality of your birds, but also ruins their appearance. 25c and 50c a box.

**PRATTS SORE HEAD (Chicken Pox) REMEDY**

25c Box.

**PRATTS BRONCHITIS REMEDY**

for Bronchitis, Colds, etc., 25c.

**ROUPENE WHITINGS RELIABLE ROUP REMEDY.**

"ROUPENE" will be found an infallible preventative and sure cure for Roup, Canker, Diphtheria, Chick-pox or Sorehead, Gapes, and all diseases of the respiratory organs in every species of fowl and pigeon; also will positively cure the sniffles in dogs and rabbits. Price 25c and 50c.

**CONKEY'S ROUP CURE**

Conkey's Roup Cure is guaranteed by its manufacturers to cure Roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. It prevents colds, and is unequalled for canker, especially in pigeons. Small package, 25c; medium package, 50c; large size package, \$1.00 postpaid.

**TO SAVE YOUR LITTLE CHICKS USE****Whittings' White Diarrhoea Remedy**

It will prevent and cure White Diarrhoea and Cholera. We do not claim to make strong chicks out of all weaklings, but we do claim to prevent and cure White Diarrhoea, and, by the use of our remedies, to increase the vitality, thereby giving the little chicks the best possible chance in their battle for life, and restore to health and vigor a very large percentage of the weaker ones, that without our remedy would surely die. Price 50c.

**ROSE NICOTINE**

Most powerful insect and parasite Destroyer known. Guaranteed to kill insects, lice on flowers, plants, fruit trees, vegetables, human body, cats, fowls, earth worms, ants, also any house bugs or vermin. 25c per pound.

Rust's Egg Record, lasting one year, and excellent Poultry Booklet, FREE

## GET PLENTY OF EGGS

Feed does not contain everything needed, so eggs get scarce. Make the feed complete by adding

**RUST'S EGG PRODUCER**

20 YEARS' SUCCESS

Prices—1 lb. 25c; 2 1/2 lb. 50c; 6 lb. \$1.00; 10 lb. \$1.50; 25 lb. \$3.50.

Refuse substitutes. Get a box of RUST'S EGG PRODUCER to-day.

Costs 2 cents a month for each hen to use RUST'S EGG PRODUCER

**SMITH'S HEAD LICE OINTMENT**

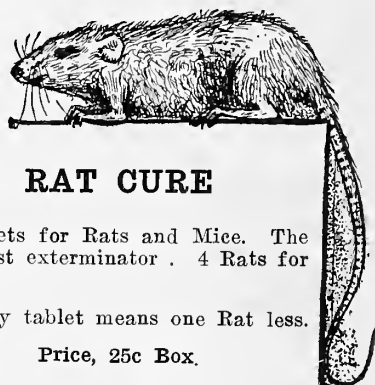
.. for  
Young  
Chicks



RUSTS'S

LICE POWDER

10c., 25c., 50c., 1.00

**RAT CURE**

Tablets for Rats and Mice. The cheapest exterminator. 4 Rats for 1 cent.

Every tablet means one Rat less.

Price, 25c Box.



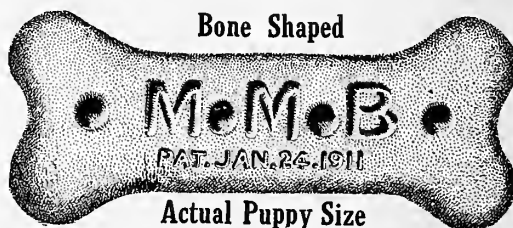
## Disinfectant LICE KILLER

**GERMICIDE**

ZENOLEUM DISINFECTANT  
ANIMAL DIP.

Eight ounce can 25c.,  
Gallon can \$1.50

Quart can 50c.  
Five gallon can \$6.25

**DOG CAKES**

Maltoid Milk Bone is a complete food in itself and is the only Perfect Food for all breeds, the quality of which is recognized by all Dogs through their keen sense of smell to the degree that they will leave any other Dog biscuits placed side by side. We stake our reputation with you on this.

The Bone Shape is tremendously attractive to the Dogs. They will handle it exactly as a Bone, holding it between their paws, and they will gnaw at it, thus benefiting the teeth and gums, increasing the flow of saliva and aiding digestion. For these reasons it should be fed dry and unbroken.

Price, Dog Biscuits, 10c pkg.

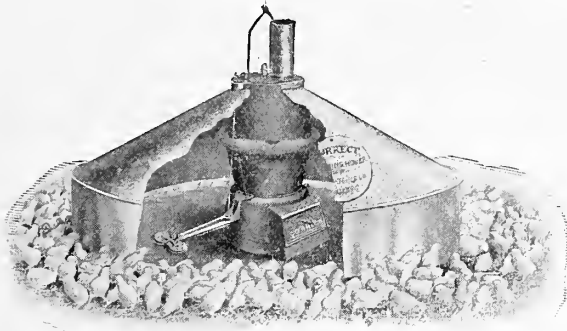
Puppy Biscuits, 10c pkg.

Discount in large lots

**SPRATT'S DOG AND PUPPY CAKES.**

Dog Cakes, 10 cents lb.

Puppy Cakes, 11 cents lb.



## The Correct Coal Burning Hover

The Correct Hover is just a simple stove of cast iron, just the same in principle of operation as any ordinary stove used for house heating. Very little work or attention is required to operate it as it is only necessary to fill the pot once in twenty-four hours, in ordinary brooding weather, or possibly night and morning in more severe weather. Likewise at the time of coaling the ashes may be removed. There are no dampers, drafts or other doors to "set" as the regulator does it automatically. The grate which is the well

known, anti-clog, rocker type, provides for the simple and easy removal of ashes and clinkers. This is the same style grate that is used on all high grade coal stoves.

The cost of operation is very much lower than with oil, as it varies from three to seven cents a day, depending upon the weather. While the best results may be obtained by using Anthracite coal, either chestnut or chestnut and pea mixed, because of its better burning qualities, the Correct Stove will also work very well with soft coal or coke. It can also be fitted to burn gas at a small extra cost.

This Correct Coal Burning Hover has proven itself to be the modern, sanitary, efficient and convenient way of brooding chicks. By this method the chicks are brooded continuously with little labor and no annoyance from trimming wicks or filling lamps, etc. The reduction of fire risk alone is sufficient for money to put in the Correct Coal Burning Brooder. Costs but 2c to 5c per day to operate.

The Correct Coal Burning Brooder is made in two sizes and at the following prices:

No. 2 Correct Coal Burning Hover, 51 inch Canopy.....\$11.85

### ANDREWS' EFFICIENCY KOOP

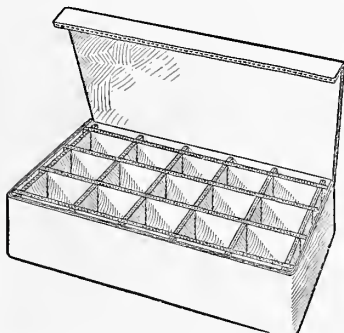


If these coops didn't have another thing to recommend them but the price, you ought to buy them. They're cheaper than the heavy, clumsy wooden crates you have to hammer and nail together—**saving number one**. They're lighter also—cost less for expressage—**saving number two**. They come knocked down—can be put up in a jiffy—no hammer or nails needed. Steel rods hold top and bottom—can be used over and over again—**saving number three**. Because you can use an ordinary crate but once or twice—you knock the life out of it with hammer and nails. Waterproof. Two sizes.

Sizes	Dimensions	Prices.
Single (1 to 3 birds)	22 $\frac{3}{8}$ -in. x 13 $\frac{1}{8}$ -in. x 24-in.	75c ea.
Pen (5 to 8 birds)	23 $\frac{3}{8}$ -in. x 23 $\frac{1}{8}$ -in. x 24-in.	\$1.00 ea.

No hammer. No nails.

### ANDREWS' EFFICIENCY COMMERCIAL EGG CARRIER



Air cushion on all sides to prevent jars.

Eggs stand on end to prevent breakage.

Practically same as above, but made in sizes to suit shipping of commercial eggs. Printed gummed label with each carrier.

One Dozen	8 $\frac{1}{8}$ -in. x 6 $\frac{3}{8}$ -in. x 2 $\frac{7}{8}$ -in.	\$1.00 per Doz.
Two Dozen	12 $\frac{1}{8}$ -in. x 8 $\frac{3}{8}$ -in. x 2 $\frac{7}{8}$ -in.	1.50 per Doz.
Three Dozen	12 $\frac{1}{8}$ -in. x 12 $\frac{3}{8}$ -in. x 2 $\frac{7}{8}$ -in.	1.75 per Doz.

### THEY ARE POSITIVELY RAT-PROOF

### METALLIC BROOD COOP

Each end has five ventilators with shelters over each so rain can not blow in. The top is made so that it can be raised from the back to let extra air in on warm days.

These Coops are made by experienced people who have had an opportunity to learn from experience what is most needed for a **SUCCESSFUL COOP**. Size 24 in. long, 18 inches wide, 14 inches high,

**Price, \$1.50 each.**

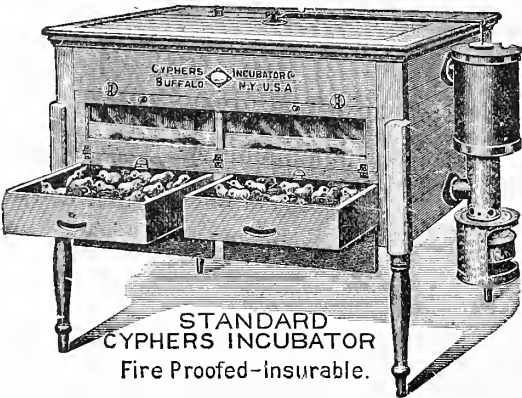
SOLE AGENTS FOR

## Genuine Standard Cypher Incubators

Guaranteed to be the Best Hatchers of the Largest Percentages of Strong, Vigorous, Healthy Chicks. Beginners Obtain Success with Them on First Trials. Every Machine is Warranted.

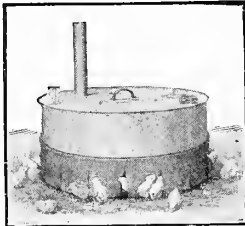
MADE IN FOUR SIZES

No. 0 Incubator—Capacity, about 70 Hen Eggs,	56 Duck Eggs .....	\$16.00
No. 1 Incubator—Capacity, about 144 Hen Eggs,	112 Duck Eggs .....	25.00
No. 2 Incubator—Capacity, about 244 Hen Eggs,	200 Duck Eggs .....	37.00
No. 3 Incubator—Capacity, about 390 Hen Eggs,	300 Duck Eggs .....	44.00



STANDARD  
CYPHERS INCUBATOR  
Fire Proofed—insurable.

CYPHERS PORTABLE HOVER.

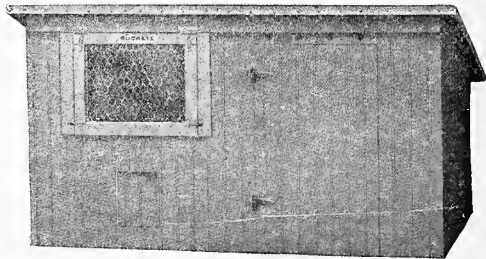


Shows the Cypher's Company Portable Hover in use on Floor of Poultry House. Chicks at all times are on a level with the surrounding floor. Price \$10.00.

CYPHERS INCUBATORS are built to hatch and to last. With proper care—the same care you would give a valuable piece of household furniture—a standard Cypher's will last an ordinary lifetime. They are guaranteed by us to last ten years without repairs. We make this guarantee because they have lasted much longer than this—and are still doing first-class work.

THE GREATEST COLONY HOUSE VALUE  
EVER OFFERED TO THE PUBLIC

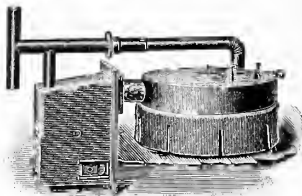
This House Is Built As A HOUSE Should Be  
Built



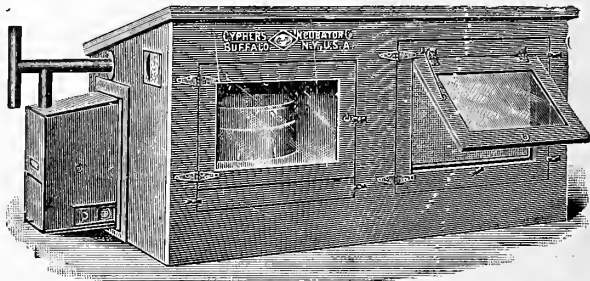
Size, 64 inches long, 36 inches wide, 36 in. high.  
Weight, crated for shipment, 250 pounds.  
Complete, with floor and roosts.

\$12.00

CYPHERS OUTDOOR BROODERS.



Cypher's Adaptable Hover .....	\$10.00
Cypher's Style A. Outdoor Brooder..	15.50
Cypher's Style B. Outdoor Brooder..	19.50
Cypher's Style C. Outdoor Brooder.....	\$21.00
Cypher's Style D. Indoor Brooder.....	14.50
Cypher's Chick Enclosure .....	3.00



Fire-Proofed, Insurable, Self-Ven-  
tilating and Self-Regulating

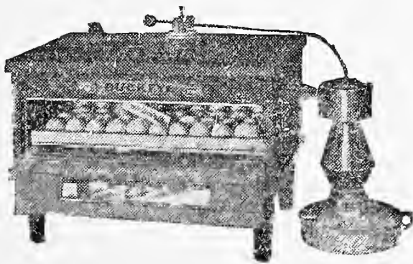
Large Illustrated Catalogue of Cypher's Incubators, Brooders, etc. Furnished on Application.

SOLE AGENTS FOR

**BUCKEYE INCUBATORS****The Standard of Perfection in Artificial Incubation**

In designing our 1917 Buckeye incubators we have not departed from the methods and principles of incubation that we have found so extraordinarily successful for twenty-three years, but we have so perfected this system that we are now hatching a large percentage of eggs that have heretofore been generally considered as unhatchable.

For twenty-three years our aim has been to build a perfect hatching device that could be depended upon to produce the same uniform results regardless of surrounding conditions—and so simple that it could be operated with the same degree of success by the beginner as it would produce in the hands of an experienced poultry raiser.

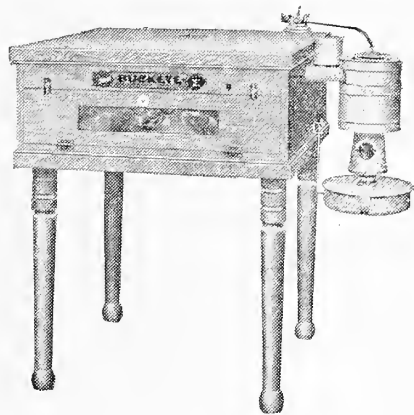


No. 14 (Style E) 60 Egg Buckeye Incubator \$8.50

This complete 60 Egg Incubator, guaranteed to hatch every hatchable egg. The greatest incubator value ever offered.

**Price List Incubators**

Style E, Capacity 60 Eggs.....	\$ 8.50
No. 15 (Style A) Capacity 60 Eggs	10.00
No. 1, Capacity 110 Eggs.....	21.00
No. 2, Capacity 175 Eggs.....	26.00
No. 3, Capacity 250 Eggs.....	33.00
No. 4, Capacity 350 Eggs.....	38.00



No. 16 (Style E) 110 Egg Incubator.....\$15.00

No. 17 (Style E) 200 Egg Incubator..... 19.50

**THE "STANDARD" COLONY BROODER**

Broods 100 to 1500 Chicks. **ONLY \$16.00**

**THE STANDARD COLONY BROODER**

(Patented July 4, 1916)

The Most Remarkable

**COAL BURNING BROODER**

Ever Invented

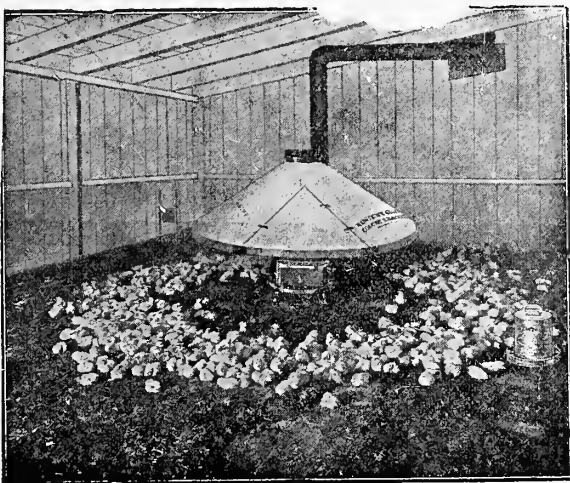
Broods 100 to 1,000 Chicks

**PRICE \$16.00**

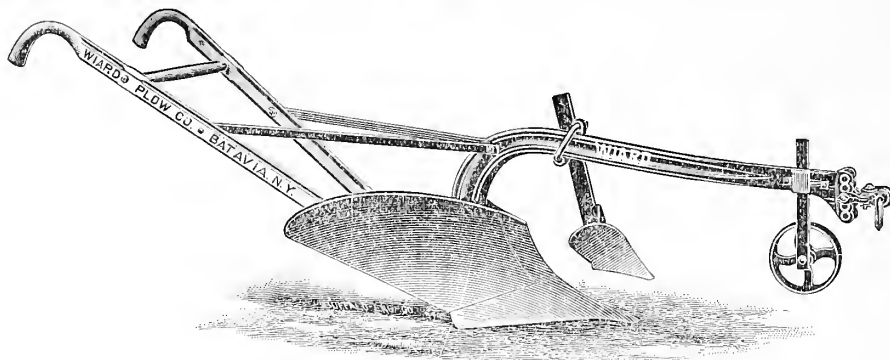
Self-Feeding, Self-Regulating, Simple, Safe,  
Everlasting

**GUARANTEED OPERATING COST  
LESS THAN SIX CENTS A DAY**

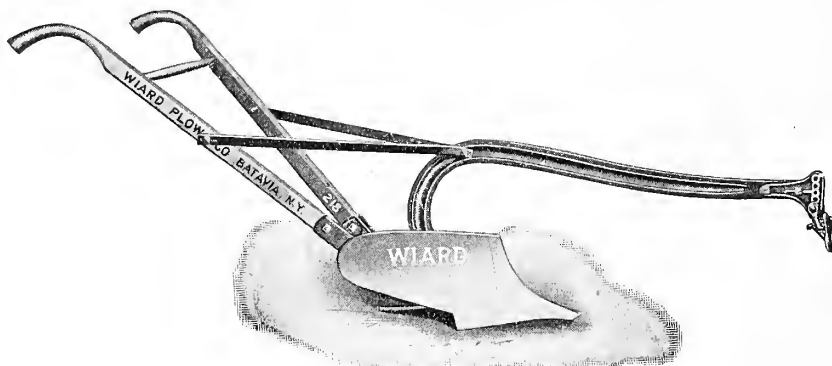
**SAVES LABOR, TIME AND MONEY**



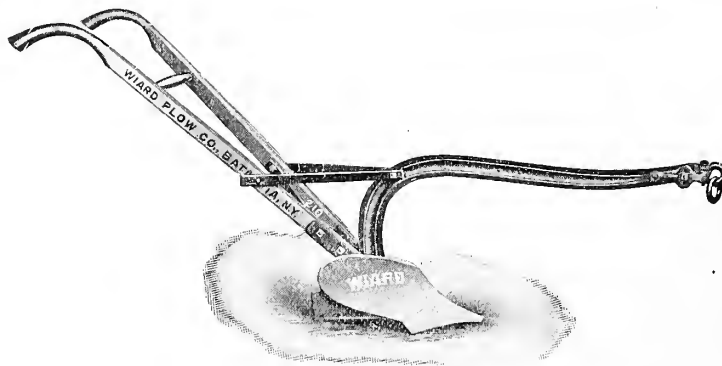
# THE WIARD PLOW



- No. 100—Right hand with Steel Moldboard, Grooved Steel Beam, light, but very strong. Weight, 106 lbs. Full rigid..... \$16.88  
 No. 43—Same as No. 100, except it has a chilled Moldboard for general purpose, plowing in any soil and under all conditions; it has no equal..... \$14.63



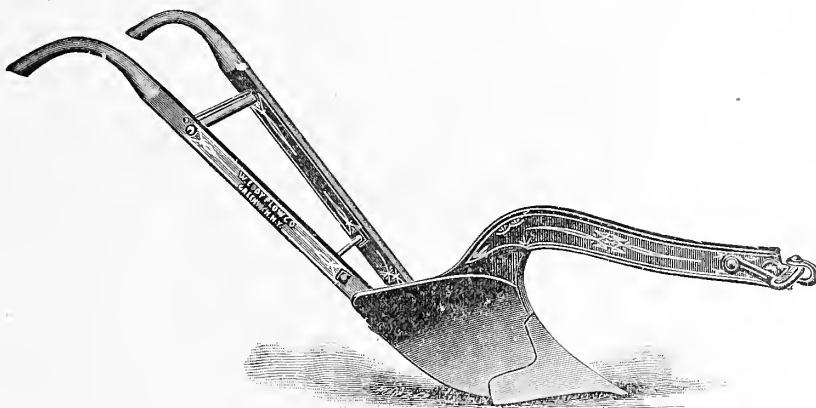
- No. 218—Light Two Horse, Chilled Moldboard, Sloping Landslide, with wheel and clevis. Weight, 99 lbs. Price..... \$11.93



- No. 210—New 1-Horse Plow, Steel Beam, very fine ..... \$6.98  
 No. 72—Light Two Horse, Steel Beam, Right Hand ..... \$14.63  
 No. 17—Two Horse Wood Beam, full Rigged, Chilled Moldboard ..... \$14.85  
 No. 62—Small, One Horse, Wood Beam, with Clevis only ..... \$4.50  
 No. 13—Light One Horse, Wood Beam, with Clevis only ..... \$6.53  
 No. 91—Two Horse, Steel Beam, Right hand..... \$15.08  
 No. 10—One Horse, Wood Beam, Right hand, Chilled Moldboard, Adjustable Handles for height and running close to rows, with Clevis only ..... \$7.08

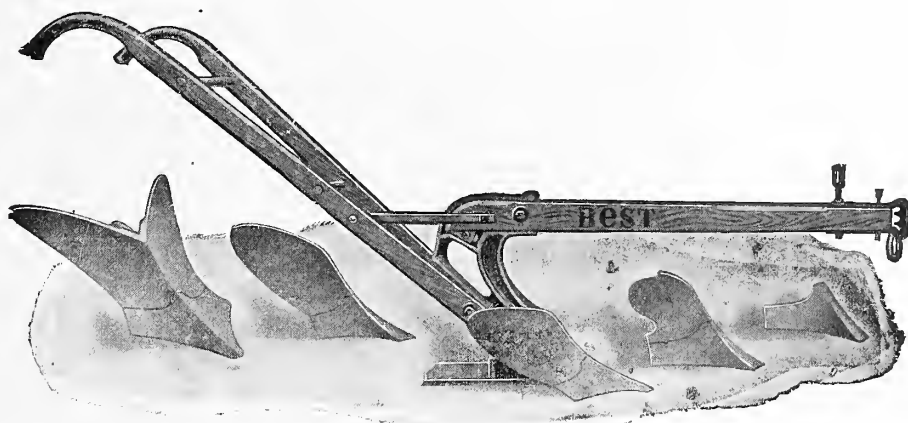
**REPAIRS FOR ABOVE PLOWS ALWAYS IN STOCK.**

- No. 115x—Swivel, Light Two Horse, Charcoal Iron Beam, Full Rigged with Colter and Adjustable Clevis .....\$16.20  
 No. 21—Swivel, One Horse, Cast Moldboard Wood Beam, Clevis and Wheel..... 9.68



- No. 6—One Horse, Cuts 10 inches, Weight 50 lbs. ....

It has Clevis that permits horse to walk in furrow. An excellent Plow. Low in price, Chilled Iron. Landslide chilled on bottom; is very strong and convenient.



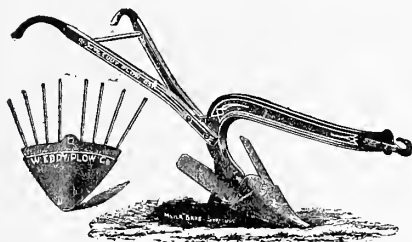
#### THE BEST PLOW.

This is the best one horse convertible Plow ever sold for the use of market gardeners and farmers generally. By changing the Moldboards and Shears that come with the Plow, the purchaser actually has four plows in one. Price complete .....

No. 1½ Moldboard and Share makes a large one horse Plow.

No. 2½ Moldboard and Share making a medium sized one horse Plow, a cabbage Moldboard and Share making a complete Cabbage Plow, and by using the Plow without the moldboard with the small Share bolted to the standard, makes a superior Plow for working among cabbage, strawberries, etc.

#### MITCHELL POTATO DIGGER AND SHOVEL PLOW COMBINED.



- Price with wings only.....\$6.48  
 Price with Potato Digger..... 7.98  
 Price with Wing and Potato Digger attachment.. 8.98

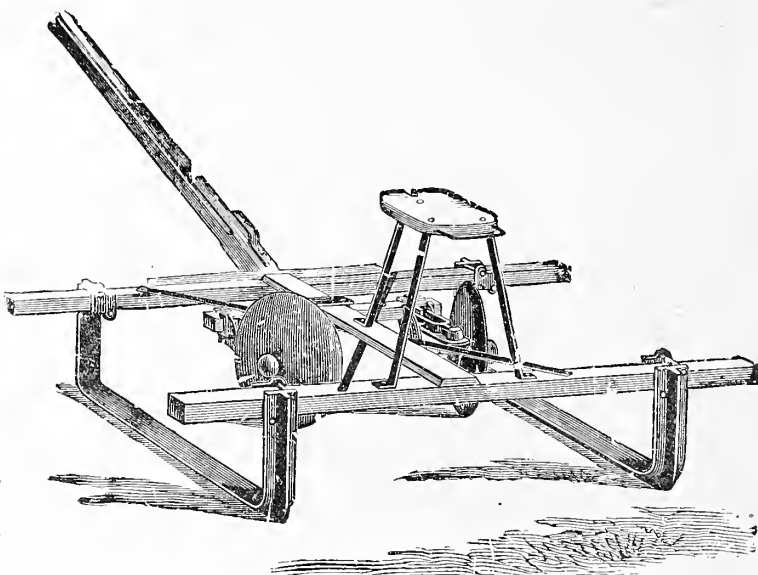
This implement should be in the hands of every practical farmer, doing its work easily and in the most perfect manner. By the changing of one bolt it may be converted into a Shovel Plow or Potato Digger. The fingers are adjustable, being held in position by the plow point. Thus in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points and wings are of steel, rendering it light, strong and durable.

## Darnell's Patent Furrower and Marker

In presenting the numerous merits of this invaluable little implement we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which made a mere mark as a guide for the plow which follows, thus increasing the work instead of lessening it.

We have a genial everborrowing neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think is good enough yet. We think you will not fail to notice the difference.

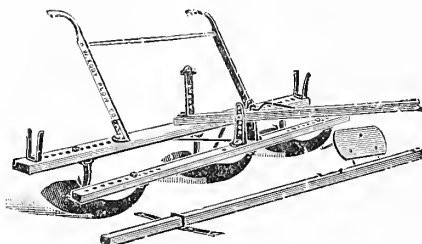
We ride while he walks. We bring into requisition the services of our boy, if busy ourselves, while nothing short of a man, and a good one, too, can handle the plow.



We open two furrows while he opens one in clean ground, and do it better.

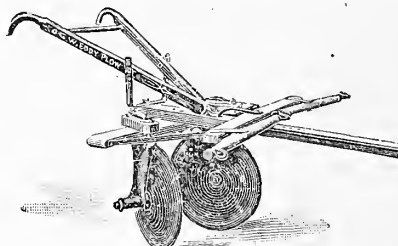
Price, \$22.00

### THE EDDY IMPROVED MARKER



Price.....\$12.00

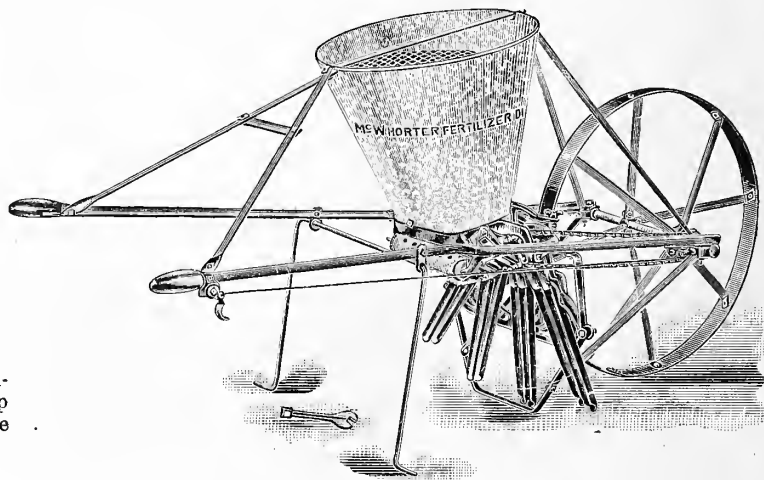
### EDDY'S NO. 10 DISC HOE AND COVERER



Price.....\$11.00

### THE NO. 21 McWHORTER HAND FERTILIZER DISTRIBUTER

For the Practical Superior Distribution of all Commercial Fertilizers

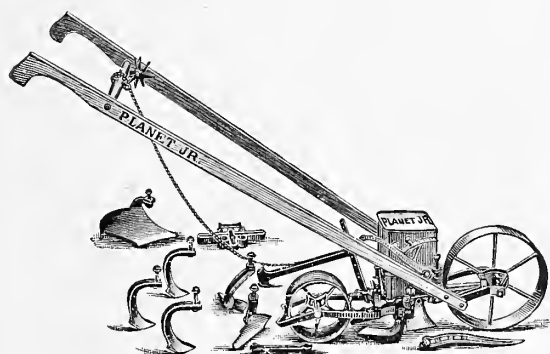


Showing Hand Distributor set for Side or Top Dressing 4 rows at one time.

Price, \$14.98

# Planet Jr. Garden Tools

The New "PLANET JR." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

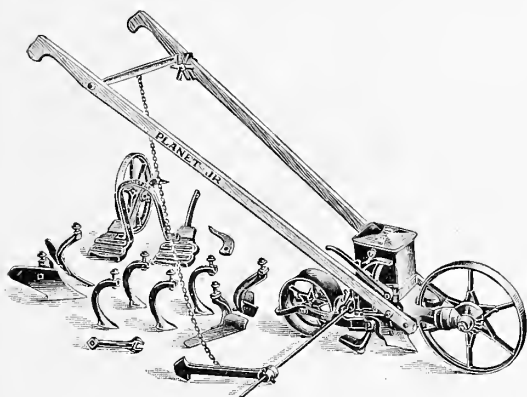


## NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW

Price, Complete, \$12.75. Weight, 50 lbs.

As a Seeder Only, \$10.25. Holds  $2\frac{1}{2}$  qts. seed

This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills, 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed is wasted. By removing the seeder parts and substituting the tool frame, you have a first-class single wheel hoe with a set of specially hardened steel tools, the best made for hoeing, plowing, cultivating, opening furrows, hilling, etc.



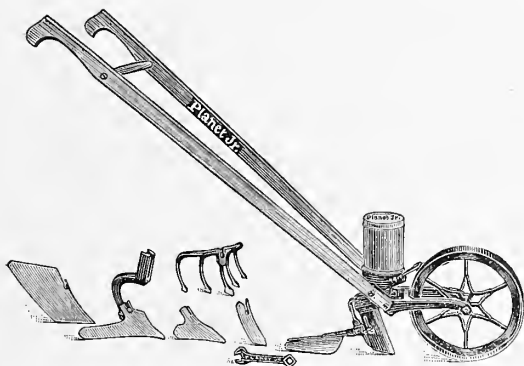
## NO. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Price, \$15.50.

Weight packed, 61 lbs. Holds  $2\frac{1}{2}$  qts. of Seed

This combination is intended for gardeners who have a large enough acreage in crops for a double wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately; and for the family garden where a double wheel hoe is preferred.

As a seeder it is practically the same as the Planet Jr. No. 4, and as a wheel hoe has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double Wheel Hoe.



## NO. 31 PLANET JR. COMBINED DRILL SEEDER AND SINGLE WHEEL HOE

Price, Complete, \$8.00. Packed weight, 30 lbs.

No. 32, As a Drill Seeder Only, \$5.50.

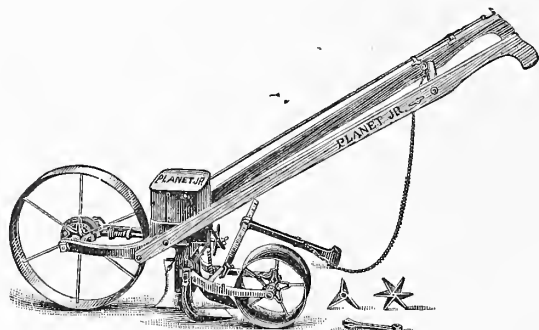
Packed weight, 22 lbs.

This new combined tool is of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision in a narrow row from  $\frac{1}{4}$  to 2 inches deep. Quickly changed to a splendid wheel hoe. A special machine for the small gardener at a price he can afford to pay.

# Planet Jr. Garden Tools



These Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.



Holds 3 qts. of Seed. Weight, packed, 43 lbs.  
Price, \$12.00

## NO. 12 COMBINED DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

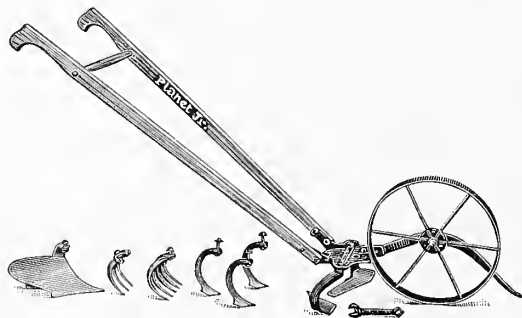
Straddles crops till 20 inches high, then can be worked between rows with one or two wheels.

The hoes are wonderful weed killers and leave the ground almost level. The cultivator teeth are of improved design and admirable for deep work. The plows are invaluable for opening furrows for manure, etc.; for covering and for plowing to or from the crop. \$8.25.

## NO. 13 DOUBLE AND SINGLE WHEEL HOE

Price, \$5.50. Weight, 28 lbs.

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most used.



No. 16. Price \$6.75. Weight 26 lbs.  
Steel Frame. 15-inch Steel Wheel.

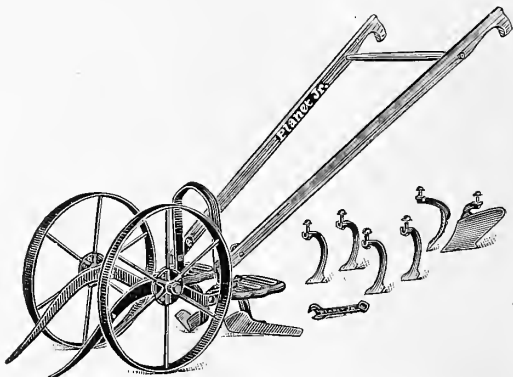
## NO. 3 PLANET JR. HILL AND DRILL SEEDER

A favorite among onion growers, market gardeners and seedsmen.

The 15-inch driving wheel is steel, with heavy forged spokes, making the tool light and easy running.

The opening plow is V-shaped, adjustable for depth, leaving the seed in a very narrow line, making close cultivation easy. The index is in plain view at top of handles and graduated for hills or drills.

The flow of seed is instantly started or stopped by the cut-off rod. No seed wasted at end of rows. Sows in large or small quantities in drills or in hills, 4, 6, 8, 12, 24 inches apart. Force feed.



No. 12. 14-inch steel wheels. Steel frame.  
Price, \$8.25. Weight, 33 lbs.

## NO. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW \$6.75

Nos. 16, 17, and 18 have the same steel wheels, frames and handles, but the attachments sold with each vary.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

## NO. 17 PLANET JR. SINGLE WHEEL HOE Price, \$5.75. Weight, 24 lbs.

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

## NO. 18 SINGLE WHEEL HOE

Price, \$4.25. Weight, 19 lbs.

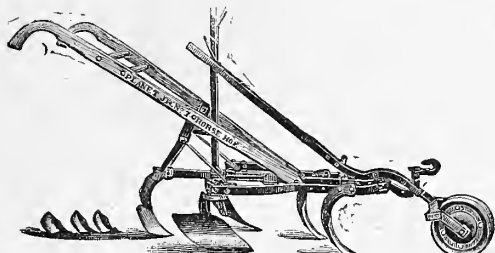
This has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season.



# Planet Jr. Tools



No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.



Price, \$10.50. Packed weight, 77 lbs.

## NO. 7 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR

Steel Wheel.

Opens and closes furrows, hoes right up to the plants without danger of injury, throws dirt to or from the row and throws back from centre again. Adjusts for any width. The teeth, made of beveled steel, specially hardened, retain their cutting shape and outwear anything made. The steel wheel won't clog. The handles adjust up, down or side-wise.

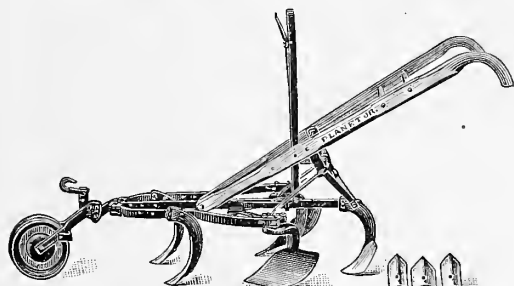
## NO. 9 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR

Weight, packed, 70 lbs.

This Horse Hoe is identical with No. 7, except that it has a plain wheel instead of lever wheel. It has the high frame, patented hollow steel standards, steel wheel, patent lever expander, and hollow steel wheel arms.

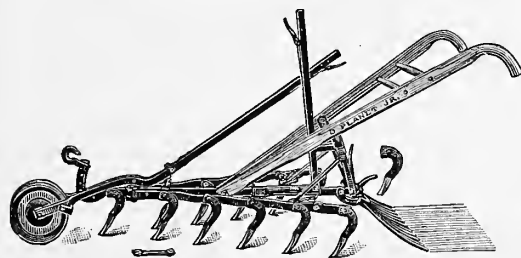
This tool has become popular because of its strength and lightness, easy change of width, and while not so handy as a tool with a lever wheel, it is a favorite.

The New Steel Wheel, having no spokes, will not clog with corn stalks, stones or other trash, and little or no sand or dirt can be carried up on the inside of the rim to drop on the bearings.



Price, with Steel Wheel, \$9.50

## PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER



Complete, with Steel Wheel, \$11.00

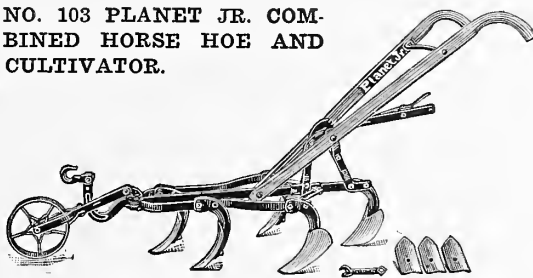
Weight, packed, 74 lbs.

Without Pulverizer, \$9.00

Without Pulverizer or Wheel, \$7.25

Gardeners cultivate better than formerly and find it pays. The chisel-shaped teeth on this tool go as deep or shallow as you like, close to row, without injuring plants, cut out all weeds, stir the soil and mellow and fine it as with a garden rake. Any width from 12 to 32 inches. A special favorite with strawberry and tobacco growers, market gardeners, truckers and small fruit growers. The wheel won't clog; the pulverizer leaves the ground in perfect condition for seeding or plant setting.

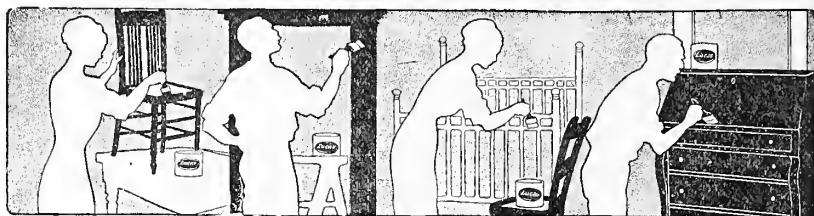
## NO. 103 PLANET JR. COMBINED HORSE HOE AND CULTIVATOR.



Price, \$7.75. Weight, packed, 60 lbs.

This admirable tool is new for 1916. The expander lever, instead of standing perpendicular, slants backward between the handles, so it can't get bent or broken, and won't injure crops under cultivation. Its weight adapts it particularly to use in light land, but it is strong enough for use everywhere, and is so simple in construction and has so few parts, it can't get out of order. The cultivator teeth are made of high carbon, beveled steel, and will retain their shape. The turning shovels are of special design, of elegant proportion and useful in connection with the shovel steel in throwing furrows, and afterwards covering them, and for plowing and hilling much or little as desired.

## MUZZY BROS. HOUSE PAINT



These paints are manufactured by experienced and practical workmen from compounded materials of intrinsic value as pigments, which are thoroughly mixed and ground together by improved machinery, producing a paint possessing superior durability, covering capacity and uniformity of shade.

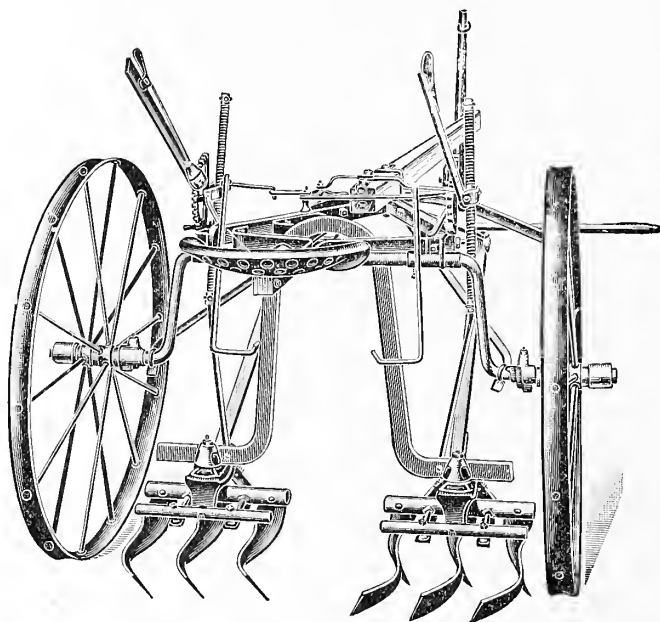
We feel confident in stating that our Mixed Paints are cheaper to the consumer than white lead, because of their great spreading and covering capacity.

The colors are arranged on a card to show the most beautiful and durable shades for House Painting.

In general, two tints or tones of the same color produce the best effect. The body color should generally be a light tint, but for larger residences, hotels, etc., a medium color for the body, with a light tint for trimmings, will create pleasing results.

\$1.75 per Gallon.

## ACME SURFACE CULTIVATOR NO. 57



The "ACME" is a Surface Cultivator and performs all the functions of this class of Cultivators in a superior manner.

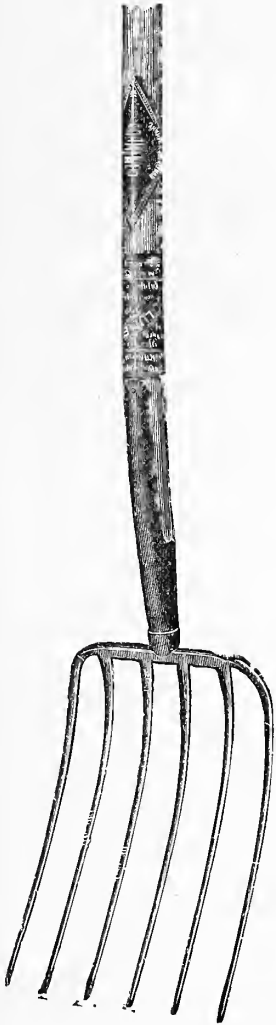
In surface cultivation the objects desired are:

To work the soil so that the plant roots are not cut or torn.

To form a soil mulch to conserve moisture, aerate soil and thus make plant food available.

To cut weeds and grass roots below the surface and turn them up to the killing action of sun and air.

Price, \$30.00



Six Tine Manure  
Fork,  
Strapped, \$1.48



Five Tine Manure  
Fork,  
Strapped, \$1.25



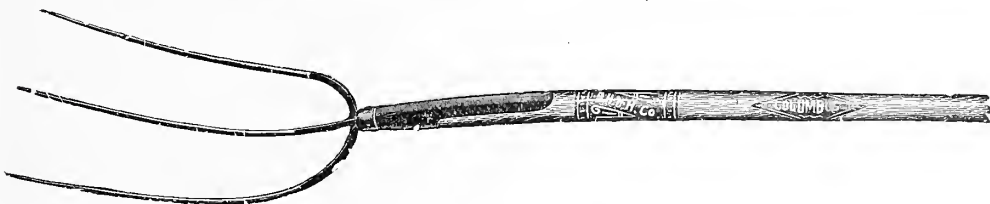
Four Tine Spading  
Fork, Strapped, 89c,  
Plain, 65c.



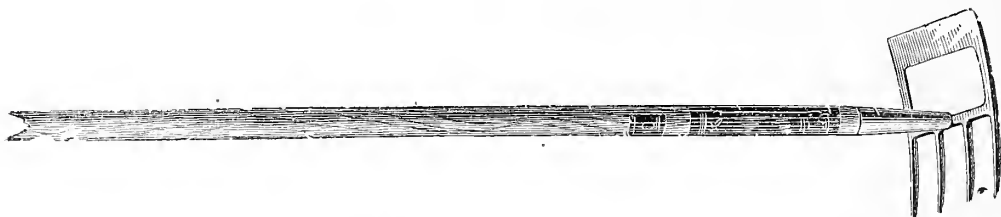
Five Tine  
Spading Fork,  
Strapped, \$1.25



Two Tine Hay Fork, foot handle, 69c.

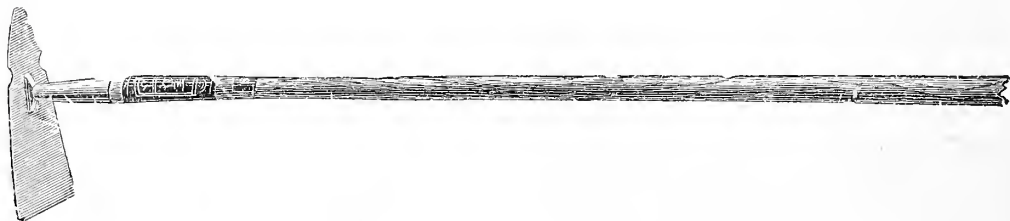


Three Tine Hay Fork, 5 ft. handle, plain 70c; Strapped, 80c; 5½ ft. handle, plain, 80c; Strapped, 85c



Four Prong Weeding Hoe, Malleable, 30c.

Six Prong Weeding Hoe, Malleable, 35c.

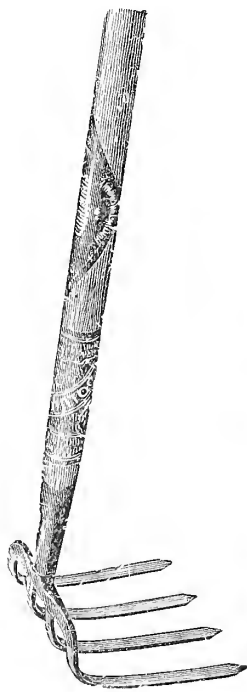


One Prong Onion Hoe, 30c.

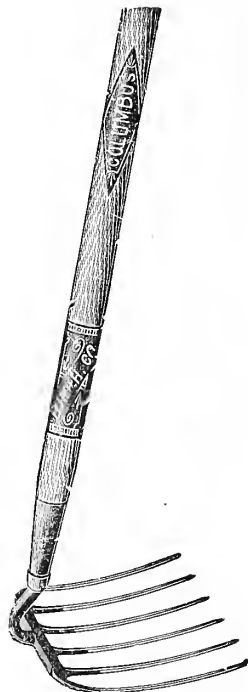
Two Prong Onion Hoe, 45c.



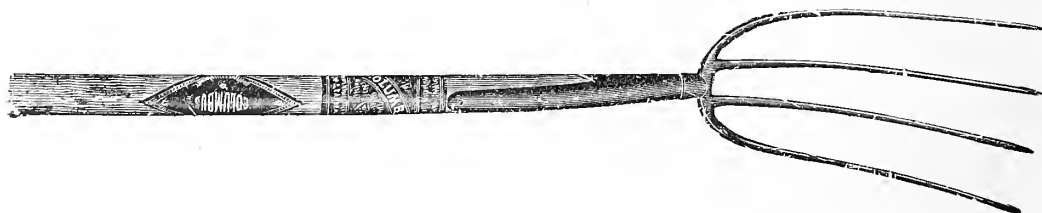
Four Prong Potato Hook, 75c.



Four Prong Potato Hook, Heavy, 75c.



Six Prong Potato Hook, 85c.

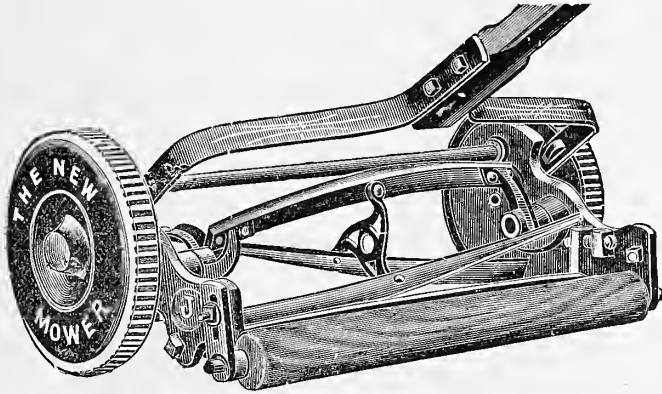
Socket Field Hoe, 55c  
Riveted, 30c.

Four Tine Manure Fork, Strapped, 98c; Plain, 75c.

# LAWN MOWERS

All of our different styles of Lawn Mowers this year are made by the Philadelphia Lawn Mower Co., the Largest and Best Manufacturers of Lawn Mowers in the World. Our cheapest as well as our most expensive Mowers being made by this firm, we are the Sole Agents in this section of the State.

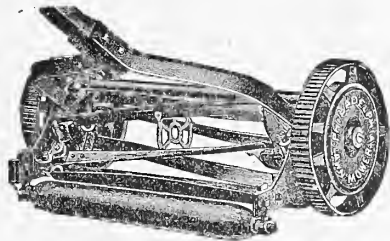
## THE NEW PATERSON MOWER, \$3.75, All Sizes.



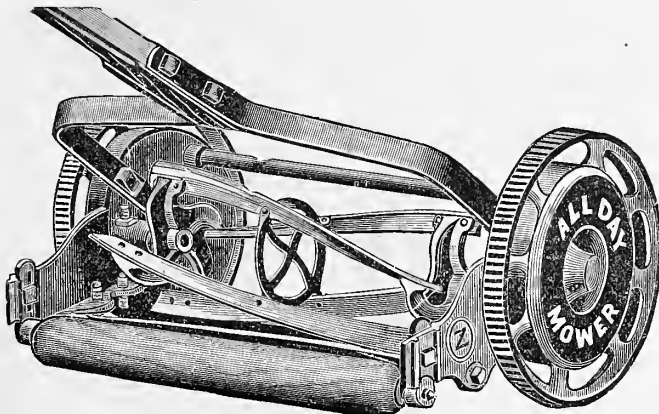
The new Paterson Lawn Mower, 3 blades. Height of driving wheels, 8 inches. Diameter of cylinder, 5¼ in. Geared on both wheels. This is the best cheap mower on the market.

## THE MUZZY LAWN MOWER, \$4.98, All Sizes.

The Muzzy Lawn Mower, 4 blades, height driving wheels 9 inches. Geared on both wheels. Does good work and superior to many of the so-called first class Mowers.



## MUZZY HIGH WHEEL MOWER \$4.98



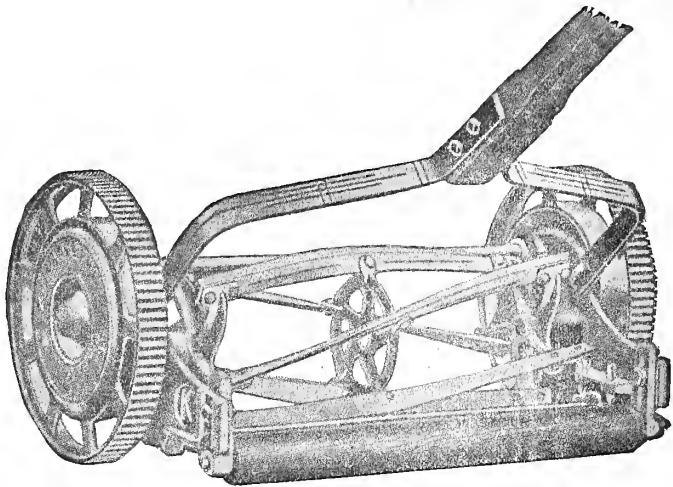
The Muzzy High Wheel Mower, 4 blades, 10 inch wheel.

Most Popular Ever Made

Its construction is superior to all others of a like kind.

### Prices

14 inch .....	\$6.48
16 inch .....	6.98
18 inch .....	7.48



**Philadelphia Mower**

Style K

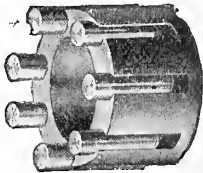
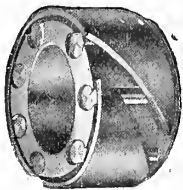
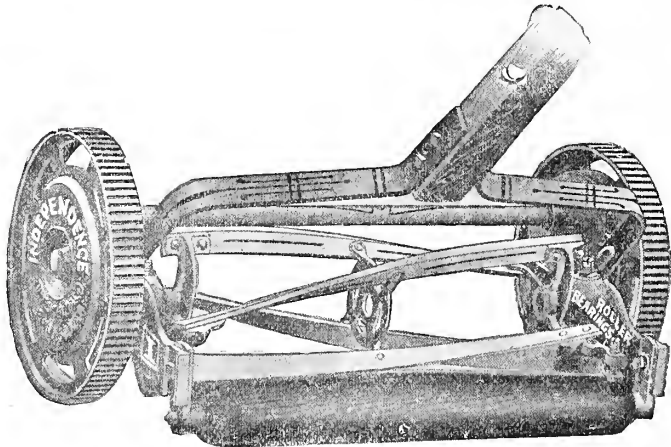
5 blades, 10 inches wheel.

Best Mower made

Prices:

14 inch	.....\$9.98
16 inch	.....\$10.98
18 inch	.....\$11.98
20 inch	.....\$12.98

**"MUZZY" ROLLER-BEARING MOWER**



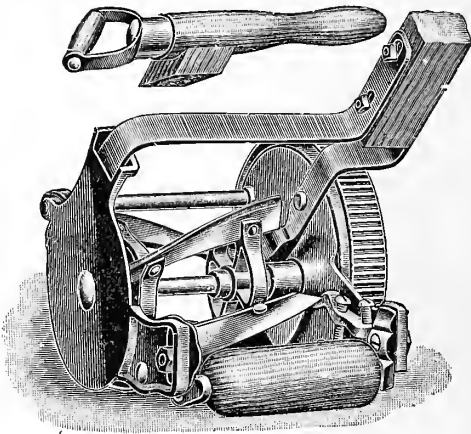
"Muzzy Roller Bearing" Mower.....	14-inch \$5.98	16-inch \$6.48
4 Blades, 8-inch Wheel, Roller bearings.		
"Muzzy Roller Bearing" Mower, "High Wheel,".....	16-inch \$7.48	18-inch \$7.98
4 Blades, 9-inch Wheel, Roller bearings.		

**LAWN TRIMMER**

For trimming around walks, flower beds, trees, posts, monuments and shrubbery, and all places that cannot be reached with any lawn Mower.

Cuts within 1/4 of an inch of the edge.

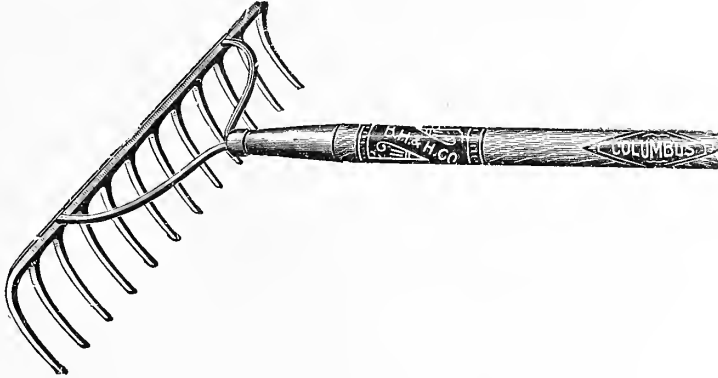
Price, \$5.50



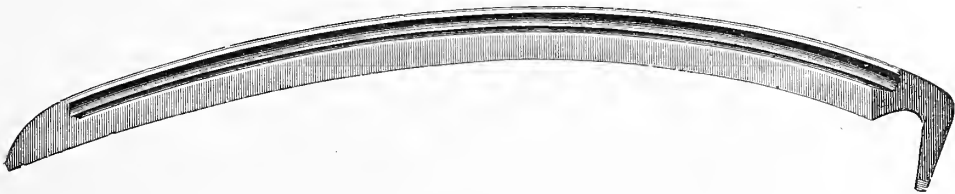
## RAKES AND SCYTHES

### LAWN RAKES

3 Bow Lawn Wood Bows .....	\$0 35	10 Tine Malleable Rake .....	\$0 25
Wire Lawn Rakes .....	35	12 Tine Malleable Rake .....	30
3 Bow Lawn Wire Bow .....	38	14 Tine Malleable Rake .....	35



	Plain	With Bow Brace
10 Tine Cast Steel Rake .....	\$0 50	\$0 60
12 Tine Cast Steel Rake .....	60	65
14 Tine Cast Steel Rake .....	65	70
16 Tine Cast Steel Rake .....	70	75



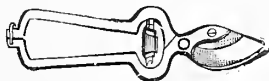
### SCYTHES

Blood's Ribbed Back. Nothing better .....	\$1.25
Blood's Plain Back, Polished .....	.98
German.—A high grade Scythe at a low price .....	Price on application
English Lawn. An elegant tool for fine work .....	Price on application
Bush Scythes. For rough work .....	.98
Snaths. Patent, Plain and Bush, Scythe Stones and Rifles in variety.	
Floral Sets, consisting of Hoe, Spade and Rake .....	10c, 25c, 39c, 75c 1.00
Trowels .....	3c, 5c, 10
Strawberry or Pruning Forks .....	.5c, 10
Fruit Pickers. Do not bruise fruit .....	.35
Excelsior Weeder .....	.05
Grafting Wax .....	¼ lb., 10c; ½ lb., 15c; 1 lb. .25



English Grass Hooks

35c and 40c



Pruning Shears

25c, 40c, 65c and 85 cents.  
Dibble, Iron or Wood  
handle.....30c and 35c

This tool is indispensable  
for planting small roots and  
plants; once tried the gar-  
dener will never dispense  
with it.

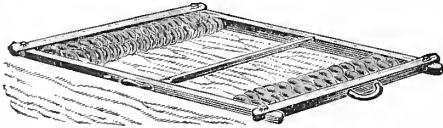


Garden Syringe, 50c and upwards



Pruning Saws

75 cents.



**THE MEEKER SMOOTHING HARROW.**  
Perfect Harrow and a Perfect Land Roller  
Combined.

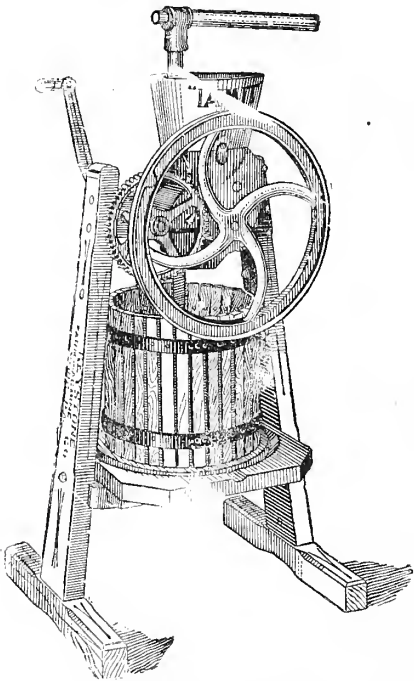
This harrow has become a great favorite among all classes of farmers and market gardeners in all parts of the country.

It has two sets (four) of rollers containing 58 steel disks.

These disks grind all lumps and save the work of raking, and also mash small stone below the surface better than any field roller, leaving the land smooth and level.

The disks of one roller work between those of the other, preventing clogging in damp soil. The board in the center is set at an angle, is adjusted up or down and serves as a leveler.

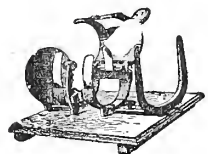
Regular size, 6 ft. 8 in. by 6 ft. with 8 in. disks, \$25.00. Weight, 200 lbs.



PRICE \$11.98

**APPLE AND GRAPE GRINDERS**

No. 11 .....	\$3.98
No. 22 .....	6.98
Wizard .....	7.93



**ACME ASPARAGUS BUNCHER.**

A greatly improved pattern with knife guide and adjustable head piece for regulating the length of the bunch. This is the latest pattern, 1907 patent.

Price .....\$1.98



**NORCROSS.**

**Cultivator-Hoes and Weeders**

are among the most modern tools for garden and flowers.

They are light and strong and cultivate closer to plants without injuring them than any other kind of implement, leaving the soil level, loose and untrampled.

Cost but little more than the common hoe—accomplish much more and better work with less labor.

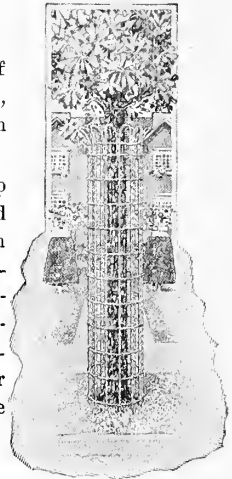
Price, 75c.

**TREE GUARDS.**

Made 6 feet high of heavily galvanized wire, in 9, 12 and 15 inch diameters.

Ready for setting up by claspings the hooked ends. Furnished with spiral spring, which attaches to tree and prevents rubbing or bruising of the bark. Protects without shading or otherwise injuring the tree.

Price 6 ft. 12 in., 98c.



**THE "I AM IT" CIDER MILL.**

A combined Mill and Press with geared cylinder, and adjustable concave, so that grinding can be done, as desired either coarse or fine. It will grind apples at the rate of one-half bushel per minute. It is a Self Feed—you need not poke the apples to the grinding disc.

Price, \$11.98

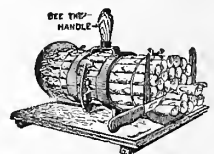
**Wine and Cider Presses.**

**Diameter of Tub.**

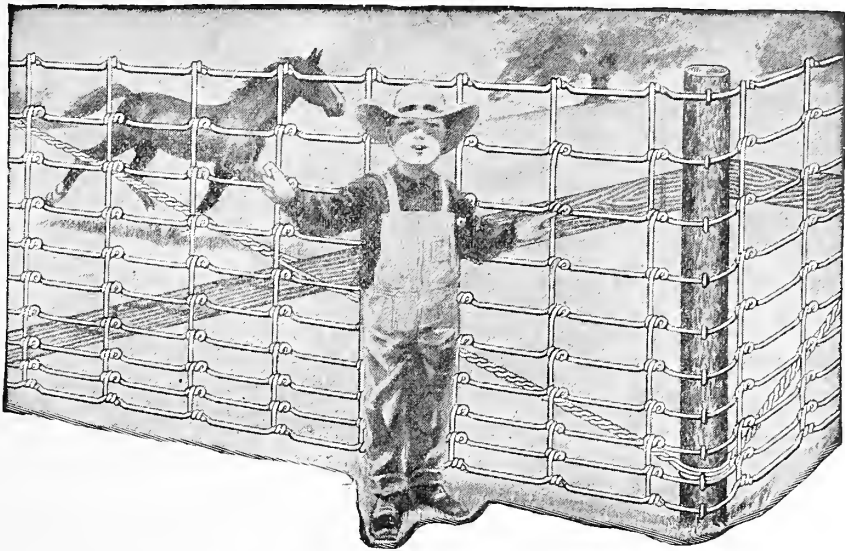
No. 1	10-in. ....	\$4.50
No. 2	12-in. ....	5.48
No. 2½	13½-in. ....	6.48
No. 3	15-in. ....	7.98

**CIDER MILLS**

Junior .....	\$16.00
Medium .....	20.00
Senior .....	28.00

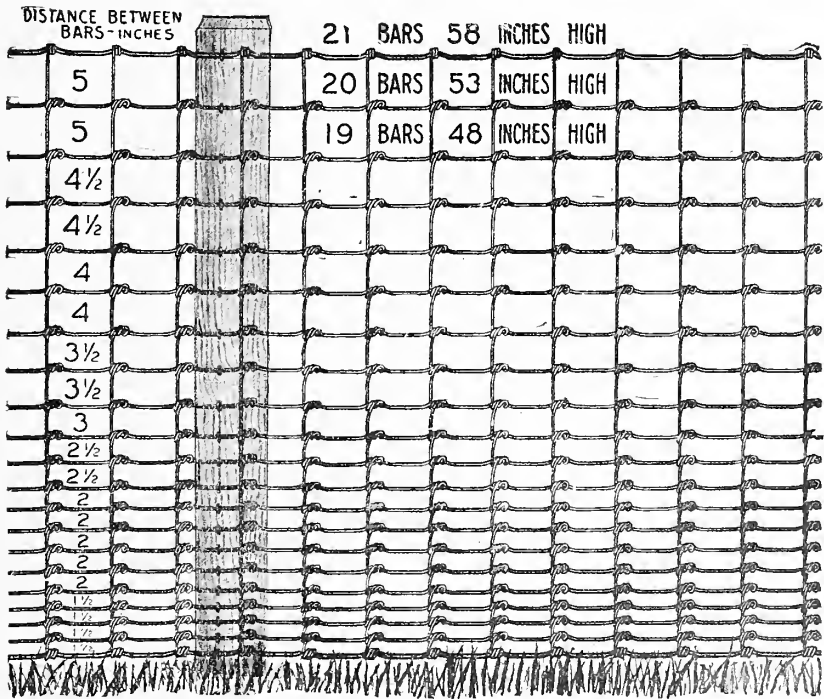


Sole Agents



# National Fence

National Farm Fence, 45 inch. Price Per Rod (by roll) 48 cents.

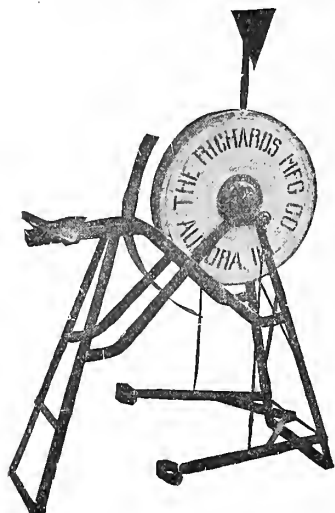


## NEW NATIONAL POULTRY AND RABBIT FENCE.

48-inch, Price per Rod (by roll) 65c

58-inch, Price per Rod (by roll) 70c

## CYCLE BALL-BEARING STEEL FRAME GRINDSTONE



Solid Steel Frame with Seat, \$4.48

Stone 19 to 22 inches, 2 to 2¼ inches thick. Best Quality Berea Grit. Front legs formed of one piece heavy steel angle. Rear legs formed of one piece heavy steel angle. Upper frame is constructed to form a brace for legs, making most rigid frame possible. Built on up-to-date mechanical principles.

Weight 85 lbs.

Price .....\$4.98

Price with Cycle Pipe Frame ..... 4.98

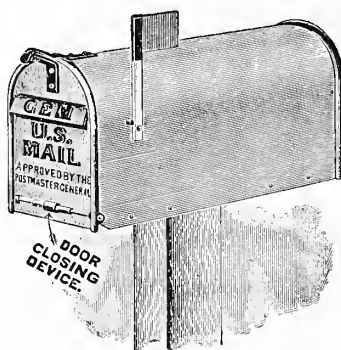
Price with Wood Frame ..... 3.98 up

## RURAL GEM NO. 4, With Self-Closing Door

Approved by Postmaster General

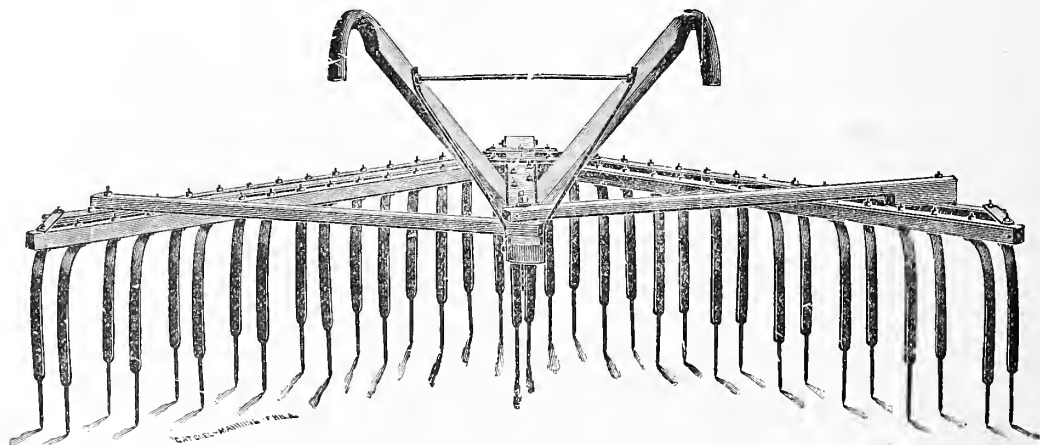
### Description

Made from 22-ga. galvanized steel; absolutely storm-proof; the door is hinged at the bottom and yet is kept constantly closed by a spring hinge—cannot carelessly be left open nor blown open by the wind; has a large flag, visible for a long distance and easily operated; has



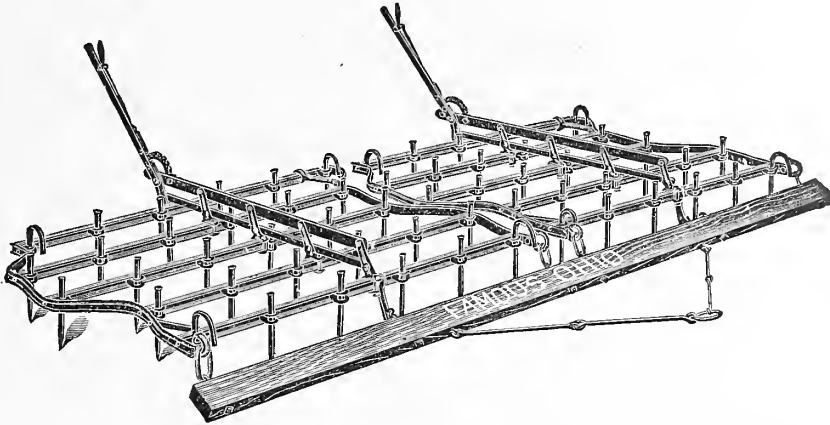
inside letter and penny holder; has a drop-letter hole in door; has substantial steel padlock-hasp; words "U. S. Mail" and "Approved by Postmaster General" are embossed in door and will remain as long as the box lasts; finished in weather-proof bronze; fully one inch taller than most boxes of this style,.....\$1.25

## KEYSTONE ADJUSTABLE WEEDER



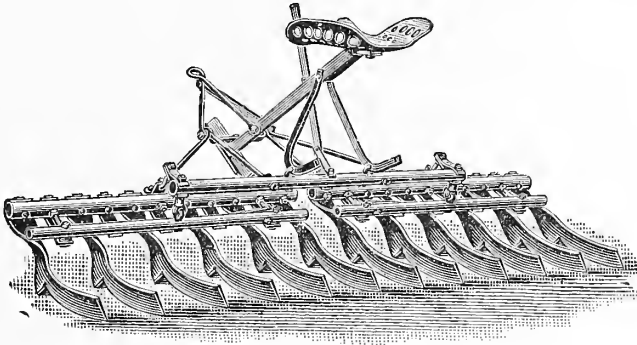
Keystone Adjustable Weeder, expands to 7 feet, Best Weeder made, every one guaranteed. Try one, it will increase your crops.

## OHIO SPIKE TOOTH HARROW - 60 Teeth



The U-bars, channels, oscillating bars and teeth, are made of high carbon steel, precluding all possibility of bending. The channels, being placed at the ends of the U-bars, prevent them from catching on obstructions as is frequently the case with the open end harrow. Strong and well made but carrying no superfluous weight. Corner braces, oscillating castings and lever castings of malleable iron. Made in one 30 tooth section, and with 5-8 teeth, \$9.98, or in Two 30 tooth sections, with 5-8 teeth, \$17.98.

## ACME HARROW, Pulverizing Harrow, Clod Crusher and Leveler

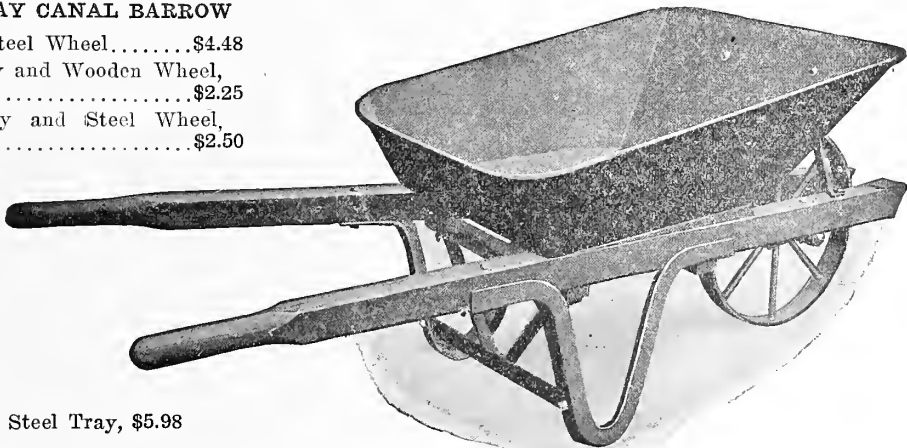


No. 11 Price, one horse.....\$16.00

No. 23 Flexible, Price.....\$22.00

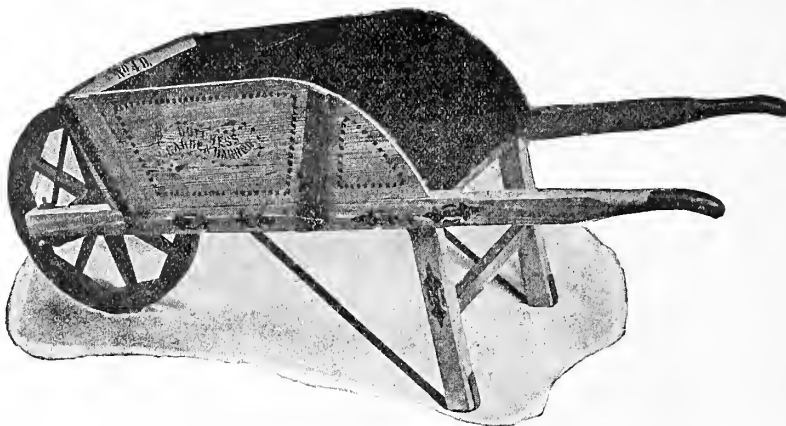
### STEEL TRAY CANAL BARROW

Price with Steel Wheel.....	\$4.48
Wooden Tray and Wooden Wheel,	
bolted .....	\$2.25
Wooden Tray and Steel Wheel,	
bolted .....	\$2.50



Extra Heavy Steel Tray, \$5.98

## DUTCHESS BOLTED GARDEN BARROW



	Wood Wheel	Steel Wheel
No. 2 B. ....	\$3.25	
No. 3 C. Medium size.....	3.75	\$4.25
No. 4 D. Large size.....	4.25	4.75
No. 5 E. Extra Large.....	4.75	5.25

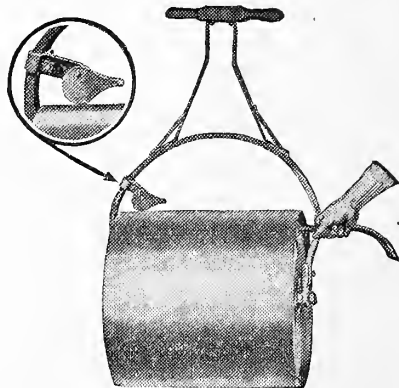
## DUNHAM ROLLER BEARING LAWN ROLLER

### Water Filled

Length and Weight precisely as listed

Rollers are smooth on face and aluminum finish, outer edges rounded to avoid cutting up the lawn.

No.	Diameter Inches	Length Inches	Sections	Pounds	Price
W. B. 3	14	20	1	200	\$ 9.48
W. B. 5	18	24	1	300	10.98
W. B. 7	24	24	1	500	13.98
W. B. 11	18	24	2	300	14.98



## Insecticides and Remedies for Plant Diseases



**Lemon Oil-Insecticide.** This well known article is in general use all over the country for destroying Scale, Mealy Bug, Greenfly or Alphis-Ant-Thrip-Caterpillar, etc. on Rose Bushes, Palms, Rubber Plants, etc. Dilute with water 30 to 50 parts.

Half pt. 25c, pt. 40c, qt. 75c, half gal. \$1.25, gal. \$2.00.

**White Helleboro.** An excellent remedy against currant worms, rose slugs, caterpillar, etc. Can be used either dry or in water,  $\frac{1}{4}$  lb. 20c,  $\frac{1}{2}$  lb. 35c, 1 lb. 65c.

**Whale Oil Soap.** One of the most effective agents used for destroying scale, bug, plant, lice and all other insects, injurious to vegetation.

Price, 1 lb. box, 20c.

**Lime and Sulphur Solution** for San Jose scale, 1 gal. makes 15 by adding water.

1 qt. 25c; 1 gal. 65c; 5 gal. \$2.50;  $\frac{1}{2}$  bbl. (30 gal.) 25c gal.; 1 bbl. (50 gal.) 20c gal.

INSECTICIDES AND REMEDIES FOR PLANT DISEASES, Continued.

**CATTLE CONTENT.** It is a thorough disinfectant and germicide. Protects horses and cows from the torture of flies. The **Lightning Insect Exterminator No. 1** discharges the preparation in a fine, broad spray, without waste and using but very little. Fifty cows can be sprayed in a few minutes. Price.....\$1.00 per gallon.

**SCALECIDE.** It will positively destroy all soft-bedded, sucking insects, including all forms of the dreadful "Scale." It is simple, cheap, easily applied and wonderfully effective. Endorsed by government experiment stations, agricultural schools and thousands of fruit growers.



**ARSENATE OF LEAD FOR POTATO BUGS**

Paste

Its great advantages are that it adheres well to the foliage and spraying does not have to be repeated, as it does not readily wash off by rain. 1 lb. 20c.

Dry

1 lb.....35c

**PLANTLIFE.** The Best Insecticide on the Market. Destroys Mealy Bug, Brown and Green Scale, Black and Green Fly, Thrips, Red Spider, etc. 1 lb. 20c.

**BLACK-LEAF 40.** A concentrated solution of nicotine sulphate; an excellent spray for black aphides and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. 1-oz. bottle 25 cts., ½-lb. tin 75 cts., 2 lbs. \$2.50, 10 lbs. \$10.75.

**BORDEAUX—ARSENATE OF LEAD.** A combination in proper proportions of the standard insecticide and fungicide remedies, thus killing insects and eliminating fungus plant diseases at one spraying and accomplishing the objects in half the time required to spray on separately. 1 qt., 65c.

**BORDEAUX MIXTURE OR FUNGIROID.** For all fungous diseases, such as mildew and the various rots of the grape. Full directions on label. Dry, 1 lb. box 30c.; 5 lb. and over at \$28c. per lb.; 50 lbs. for 25c per lb.; liquid, 1 qt. 50c; 1 gal \$1.25.

**ROSE NICOTINE.** Insect and Parasite Destroyer for Insects, Lice on Flowers, Plants, Fruits, Trees, Vegetables, Human Body, Dogs, Cats, Fowls, Earth Worms, Ants, also any House Bug or Vermin. 20c lb.

**CUT WORM FOOD.** It is simple and easy to use. It consists of a material that is more delicious and is much more preferred by the CUTWORM than the plants themselves. It is sprinkled on the ground around the plant just as it is found in the package. Price 25c.

**TREE TANGLEFOOT.** A paste preparation for painting around the trunk of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 35c, 3 lb. can \$1.

**WEEDICIDE.** Kills grass and weeds of every kind on roadways, gutters, tennis courts, etc., by one application. Price, 45c qt.

**GRAFTING WAX.** A wax manufactured specially for grafting trees, bushes, shrubs, etc. ¼-pkg., 10c; ½-lb. pkg., 15c; 1 lb. pkg., 25c.

**Sulphur, Powdered.**—A remedy for insects of all kinds, both by itself and in combination with other remedies. Market rates.

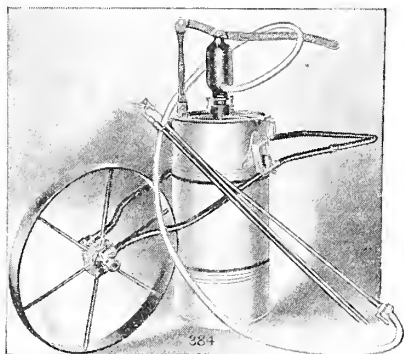


**Hammond's Slug Shot.**—An insecticide for the destruction of Potato and Rose bugs, and all Lice, Worms or caterpillars upon Melons, Egg, Cucumber, Cotton, Tobacco and Cabbage plants, Tomato Currants, Fruit or Ornamental Trees, Grape Vines, Shrubs and Flowering plants, 1 lb. 15c; 5 lb. pkg. 35c.

**Strictly Pure Paris Green.**—Market price,

**Double Ground Land Plaster.**—Per 100 lb. bag 60c.

**Sulpho Tobacco Soap** 10c. & 20c.



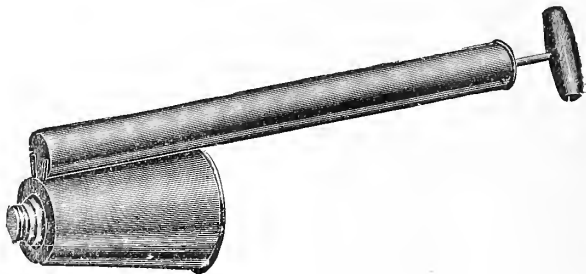
## THE AUTO No. 40 WHEEL SPRAYER

Applies, in a mist-like spray, all fluid insecticide and fungicide solutions on garden crops, ornamental plants, shrubs and low trees; also useful for whitewashing, applying sheep dip, fly oils, etc. It is a most convenient, large capacity, Auto Sprayer, fitted to a tubular iron frame with 20-inch wheel, so that it is as easily moved about as a wheel-barrow. The tank of heavy galvanized steel or brass (as may be selected) holds the spray solution and the compressed air pump with which the operator keeps up a continuous and uniform spray. The machine is furnished with 8 ft. of high pressure spray hose with connections in 8 ft. iron extension pipe with lever "shut-off" for tree spraying and the latest pattern Vermorel nozzle, which fits either the hose or pipe. Price, with 12 gal. galvanized steel tank, \$16.00.

## LOWELL GRAND SPRAYER FOR LIQUID

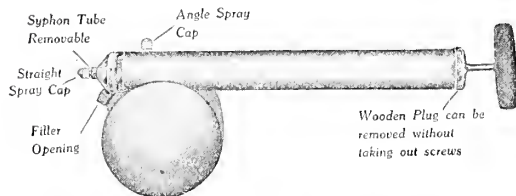
### DESCRIPTION.

Tapered cylinder reservoir, 4 inch bottom, 3 inch top, 1½ inch pump cylinder, 20 inches long. Plunger rod bright steel. Plunger our special make. Two brass solution or spray tubes. One inch zinc can screw for filling. Strong and durable in construction. Each sprayer is tested for leaks and perfect spray. Capacity of tank one quart. Aluminum finish. Galvanized Steel, 50c.



Lowell Midget Sprayers for Liquids, 25c.

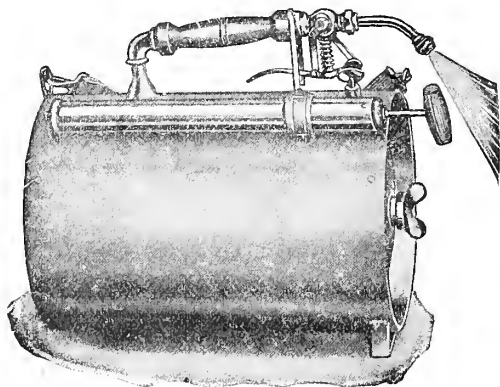
## BROWN'S CONTINUOUS SPRAYER



The Brown Continuous Sprayer, as the name implies is so constructed that it not only sprays on the downward stroke of plunger but also when it is drawn back, thus causing a continuous mist like spray.

Brass Lacquered, \$1.00.

## THE LOWELL FOUNTAIN COMPRESSED AIR SPRAYER

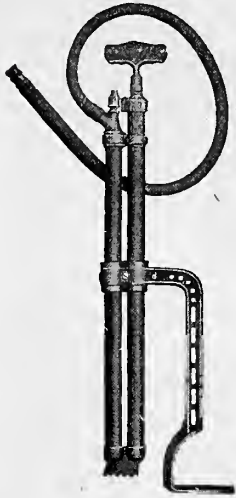


One pumping will expel entire contents of tank and is sufficient to spray 2,000 plants. Spraying nozzle may be reversed to spray under side of bushes and plants. Automatic Thumb Lever Valve it at all times under complete control of operator, hence none of the solution is wasted. It saves its cost in making a given amount of compound do so much more work. An Adjustable Shoulder Strap and Tree Attachment with suitable coupling for orchard and tree spraying, furnished with each machine. Aluminum finish. Capacity, 3 gallons. Price, Galvanized, \$5.48; Brass, \$8.50.

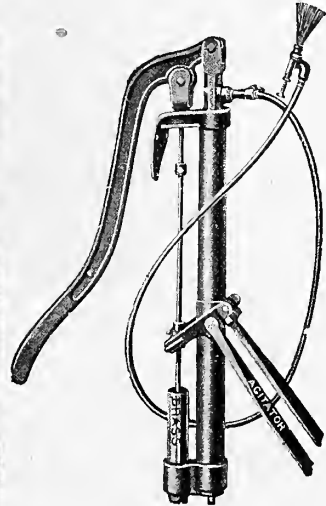
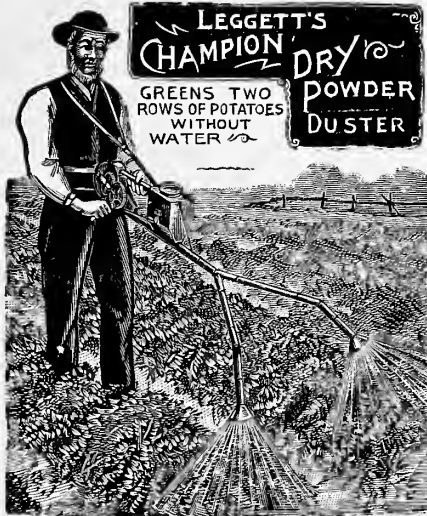
## "LIGHTNING" WHITEWASH SPRAYER

This is the only Spray Pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron, with brass tops and valves. Large air chambers and ball valves, the pressure maintaining a continuous stream or spray not affected by the upward stroke. Can also be used for washing windows, buggies and sprinkling lawns, flowers, etc.

Galvanized Iron, \$2.25.



**AUTO SPRAY  
NO. 2.**  
All Brass Whitewash  
General Purpose Sprayer.  
Price, \$3.98



**PUMP NO. 25  
FOR BARREL USE**  
PRICE \$9.98

## BROWNS AUTO SPRAY NO. 1



The Auto-Spray No. 1 is the standard of all compressed air sprayers. It is the strongest and most simple in its working parts of any similar machine. Self operating. Two pumpings of a few strokes on the plunger will discharge the contents under high and constant pressure. After pumping, the operator has only to direct the spray.

**Uses.** For spraying trees, shrubs, vines, field crops, in the greenhouse, poultry house. For applying disinfectants and cattle-fly oils. Will handle all solutions, including whitewash and cold water paint.

Price, Galvanized, \$5.50

Brass, \$8.50



## Measuring Rods

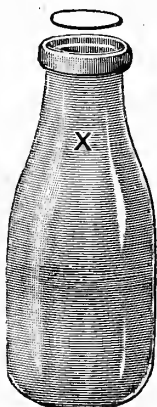
FOR MILK CANS

Metal .....	50c
Wood .....	35c

Dairy Thermometers, 15c each.

Lactometers, approved by the N. Y. Board of Health, to test the quality of Milk, 50 each.

Long Handle Measure for Milk Cans, 1 pt. 15c; 1 qt. 18c.

**DAIRY and MILKMEN SUPPLIES****MILK BOTTLES****No. 2 Common Sense**

1 qt. doz. 70c	Gross \$6.50
1 pt. doz. 60c	Gross 5.00
½ pt. doz. 50c	Gross 4.50

In 3 gross lots we print name on bottle no charge for printing except the plate, in 10 gross lots we furnish the plate free.

**Milk Bottle Boxes**

1 qt. size holds 12 bottles 7-8 inch with cover  
\$1.10 and \$1.25

1 qt. size holds 12 bottles, without cover, 75c  
1 qt. size holds 12 bottles, 1 inch thick without cover, 85c.

1 pt. size holds 24 bottles with cover, \$1.25.

**Milk Bottle Carriers****TINNED WIRE**

6 1 qt. bottles, 75c; 8 1 qt. bottles, 98c; Galvanized iron wire, 6 qt. flat wire, 85c; 8 qt. flat wire, \$1.25.

**GALVANIZED FLAT WIRE HEAVY****Dairy Men's Cleaner and Cleanser for Milk Bottles**

It is also a perfect sanitary cleanser for use in the home or on the farm, for washing dishes, glass, refrigerators, pots and pans, milking utensils, floors, baths, toilets, etc. 5 lb. 20c

**Milk Pans**

Tin 10c. to 15c., Enamelled Ware 15c. to 35c.  
Milk Bottle Brushes, 10 to 50c.. Milk Can Brushes 5c to 25c.

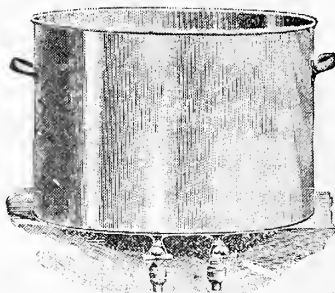
**MILK STRAINERS, 25c and up.**

**Milk Bottle Filler.**

Works Easily and Quickly.  
Guaranteed. \$6.50.

**MILK BOTTLE FILLERS.**

Champion .....\$5.00



It is sensible because it is simple, no levers, no springs, just a heavy tin tank made of I X X X X C o o k l e y K Charcoal tin plates, holding 60 quarts, and with two faucets in the bottom. These

remove any particles which may have remained in the milk, and cause the streams to flow in smooth, even columns.

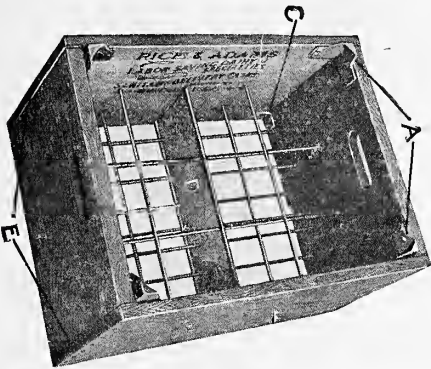
We have built the Sensible so strong and heavy that it will last a life time. You can find no more sensible way to fill your bottles.

Price, \$5.00

**Milk Pails**

One quart to twenty quarts, 10c to \$2.00.

DAIRY AND MILKMEN SUPPLIES Continued



**R. & A. Unbound Sanitary Delivery Cases.**

Patented Nov. 7, 1905

The weight of unbound cases is about three pounds less than bound cases, and for this reason they are preferred by many dealers. This style is made with or without bottom corner irons. Pressed galvanized steel stacking corner irons are always included.

A-Heavy stacking corner iron.

C-Bottom corner iron.

D-Galvanized steel support.

The bottles are always held in correct position to be filled and capped, as the galvanized steel support "D" keeps the long wires from sagging.

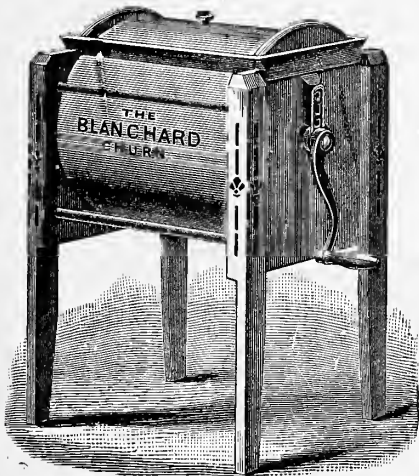
1 qt. size (12 bottles).... Prices on

1 qt. size (16 bottles).... Application

**Dairy Pail**

With Strainer, 25c to \$1.25; Without Strainer 25c to 45c.

**The Blanchard Churn**



**Price List Family Sizes**

No.	Will Hold	Price
3	4 gals.	\$4.98
4	8 gals.	6.50
5	16 gals.	7.50
6	24 gals.	8.98
7	32 gals.	11.00



NEW WAY

OLD WAY

**MILK CAPS.**

New Seamless Pull Cap.

Heavy Waxed, Printed.

Heavy Waxed, with lip, Printed.

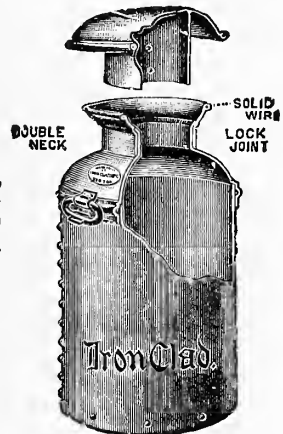
New Lip Cap, lip will not pull off.

Prices on Application.

Name and address printed free on lots, 50 M.

**Milk Cans**

Iron Clad Milk Cans, best can manufactured, 20 qts., \$3.50; 30 qts., \$3.75; 40 qts. \$4.00.



**The Cylinder Churn    The Lightning Churn**



No.	Price
No. 0	\$2.00
No. 1	2.25
No. 3	2.85
No. 3	3.25
No. 4	4.00

No.	Will Hold	Price
0	4 gals.	\$2.75
1	6 gals.	3.25
2	8 gals.	3.50
3	10 gals.	4.25

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# Foreign Names of Vegetables and Herbs

ENGLISH	GERMAN	FRENCH	ITALIAN	HOLLAND
Anise .....	Anis, Grvener .....	Anis .....	Anaso, Anacio .....	Anijs .....
Artichoke .....	Artischocke .....	Artichaut .....	Articiocca .....	Artisjok .....
Asparagus .....	Spargel .....	Asperge .....	Sparagio .....	Aspersie .....
Balm .....	Citronen Melisse .....	Melisse citronelle .....	Melissa .....	Citroen Melisse .....
Basil .....	Basilikum .....	Basilic grand .....	Basilico .....	.....
Beans .....	Bohnen .....	Haricots .....	Fagiuoli .....	Boonen .....
Beet .....	Ruebe .....	Betterave .....	Barbabetola .....	Bieten .....
Borage .....	Boretsch .....	Bourrache .....	Boragine .....	.....
Broccoli .....	Spargelkohl .....	Chou Brocoli .....	Cavol brocolo .....	Spruitkool .....
Brussels Sprouts .....	Roseukohl .....	Chou de Bruxelles .....	Cavolo agermaglia .....	Slutkool .....
Cabbage .....	Kopfkohl, Kra .....	Chou pomme .....	Cavolo cappuccio .....	Savooikool .....
Cabbage Savoy .....	Wirsing .....	Chou de Milan .....	Cavolo di Milano .....	Karvi .....
Caraway .....	Feld Kuemmel .....	Chum des press .....	Carvi .....	Wortelen .....
Carrot .....	Carroten, Moehren .....	Carotte .....	Carato .....	Bloemkool .....
Cauliflower .....	Blumenkohl .....	Chou-fleur .....	Covolo-flore .....	Selderij .....
Celery .....	Sellerie .....	Clerie .....	Sedano .....	Knolse erji .....
Celeriac .....	Knoll-Sellerie .....	Celere-rave .....	Se ana rapa .....	Kervil .....
Chervil .....	Kerbet .....	Cerfeuil .....	Cerfoglio .....	.....
Chicory .....	Chiceorien wurzel .....	Chicoree sauvage .....	Cicoria Wselvatica .....	Korlander .....
Coriander .....	Coriander .....	Coriandre .....	Coriandorio .....	Velesia .....
Corn Salad .....	Feldsalat .....	Mache .....	Valeriana .....	.....
Corn .....	Mais .....	Mais .....	.....	Tunkers .....
Cress .....	Garen Kresse .....	Cressen alenois .....	Agretto .....	Waterkers .....
Cress, Water .....	Brunnen Kresse .....	Cressoudefontaine .....	Nasturzio .....	Komkomer .....
Cucumber .....	Gurken .....	Concombre .....	Cotriolo .....	.....
Dandelion .....	Loewenzohe .....	Pissenlit .....	Dente di leone .....	.....
Dill .....	Dille .....	Aneth .....	Aheto .....	.....
Egg Plant .....	Eier Ffano .....	Aubergine .....	Pentonciano .....	Andijve .....
Endive .....	Endiven .....	Cicorce-Endive .....	Indivia .....	Nedkel .....
Fennel .....	Fenchel .....	Fenouil .....	Finnocchio .....	Knoflook .....
Garlick .....	Knoblauch .....	All .....	Agho .....	Peperwortel .....
Horse Radish .....	Meer Rettig .....	Panifort sauvage .....	Rafano .....	Hijsoop .....
Hyssop .....	Isop .....	Hvssope .....	Issopo .....	Boerkool .....
Kale .....	Blaetterkohl .....	Chou-vert .....	Cavolo verde .....	Koolrabi .....
Kohlrabi .....	Knolkohl .....	Chou-rave .....	Cavolo rapa .....	.....
Lavender .....	Lavendel .....	Lavende .....	Lavada .....	Prei .....
Leek .....	Porre Lauch .....	Poireau .....	Porro .....	Kropsia .....
Lettuce .....	Lattich Kopfsalat .....	Lattue .....	Lattuga .....	Marjolijn .....
Marjoram .....	Marjoram .....	Marjolaine .....	Maggiarana .....	Meleon .....
Melon .....	Melone .....	Melon .....	Popone .....	.....
Melon, Water .....	Wasser-Melone .....	Melon d'eau .....	Cocamera .....	Kampernoelle .....
Mushroom .....	Schwamin .....	Champignon .....	Fungo pratajole .....	Capucine-kers .....
Nasturtium .....	Kupucitner Kresse .....	Capucine .....	Nasturzio .....	.....
Okra .....	Ocher .....	Gombeud .....	Ibisco .....	Ci Ulen .....
Onion .....	Zwiebel .....	Ognon .....	Cipollo .....	Peterselit .....
Parsley .....	Zatersille .....	Persil .....	Prezzemolo .....	.....
Parsnip .....	Pastinake .....	Panais .....	Pastinaca .....	Pinksternadel .....
Peas .....	Erbsen .....	Pois .....	Pisello .....	Erwtien .....
Pepper .....	Pfeffer .....	Piment .....	Peperone .....	Spaansch Peper .....
Pumpkin .....	Melonen-Kuerbiss .....	Potiron .....	Zucca .....	Radis .....
Radish .....	Radies .....	Radis .....	Ravanello .....	Rabarber .....
Rhubarb .....	Rhabarber .....	Rhubarbe .....	Rabarbaro .....	Rosemarijn .....
Rosemary .....	Rosmarin .....	Romarln .....	Rosmarino .....	Wijnault .....
Rue .....	Raute .....	Rue .....	.....	.....
Saffron .....	Safran .....	Safran .....	Rafferano .....	Salle .....
Sage .....	Saldel .....	Sauge .....	Salva .....	.....
Salsify .....	Haferwurzel .....	Salrifis .....	Barbarli becca .....	Zuring .....
Sorrel .....	Sauerampfer .....	Oscille .....	Aetosa .....	Boonenkruid .....
Summer Savory .....	Bohenkraut .....	Sarriette annulle .....	Santoreggia .....	Spinazie .....
Spinach .....	Spinat .....	Epinarde .....	Spinnaccio .....	Pompeon .....
Squash .....	Kuerbijs .....	Courgel .....	Zucca .....	.....
Tansy .....	Gemeiner-rainfarn .....	Tanaisie .....	Atansia .....	.....
Thyme .....	Thymian .....	Thym .....	Timo .....	Tijm .....
Tomato .....	Liebessapfel .....	Pomme d'Amour .....	Pomo d'oro .....	Tomaat .....
Turnip .....	Weisse-Reube .....	Nevet .....	Navone .....	Rapen .....
Wormwood .....	Wermuth .....	Absinthe .....	Assenzio .....	Suikerij .....

## PLANTING CALENDAR

**FEBRUARY**—Sow in Hot Bed. Early Beans, Cabbage, Cauliflower and Celery, Carrot, Broccoli, Cucumber, Lettuce, Parsley, Radish, Tomato.

**MARCH**—Sow in Hot Bed. Early Beets, Beans, Cabbage and Carrots, Broccoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Peas, Pepper, Radish, Aomato. Plant in Open Ground. Beet, Early Cabbage, Carrot, Cress, Lettuce, Onion, Peas, Radish, Round Spinach, Early Turnip, Potatoes. Onion Sets, English Bean.

**APRIL**—Sow in Hot Bed. Sweet Corn, Cucumber, Egg Plant, Melon, Pepper, Squash, Tomato. Plant in Open Ground. Asparagus, Beets, Broccoli, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Kale, Kohlrabi, Lettuce, Melon, Onion, Parsley, Peas, Radish, Round Spinach, Turnip, Sage, Potatoes, Top Onions.

**MAY**—Plant in Open Ground. Asparagus, Beans, Beets, Broccoli, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress Cucumber, Kale, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Kohlrabi, Salsify, Round Spinach, Squash, Tomato. Early Turnip, Herbs.

**JUNE**—Plant in Open Ground. Lima Beans, Beets, Broccoli, Brussels Sprouts, Cabbage, Carrot, Sweet Corn, Cress, Cucumber, Kale, Kohlrabi, Lettuce, Nasturtium, Okra, Peas, Potatoes, Parsnip, Radish, Salsify, Spinach, Squash, Ruta, Baga, Melon, Herbs.

**JULY**—Plant in Open Ground. Beans, Beets, Cauliflower, Celery, Carrot, Sweet Corn, Cress, Cucumber, Late Cabbage, Kale, Kohlrabi, Nasturtium, Okra, Peas, Parsnip, Winter Radish, Spinach, Ruta Baga.

**AUGUST**—Plant in Open Ground. Bush Beans, Late Celery, Late Cabbage, Cucumber, Lettuce, Peas, Radish, Spinach, Turnip.

**SEPTEMBER**—Plant in Open Ground. Cabbage, Cauliflower and Lettuce for wintering in cold frames. Asparagus, Celery, Kale, Mustard, Winter Radish, Spinach, Turnip.

